



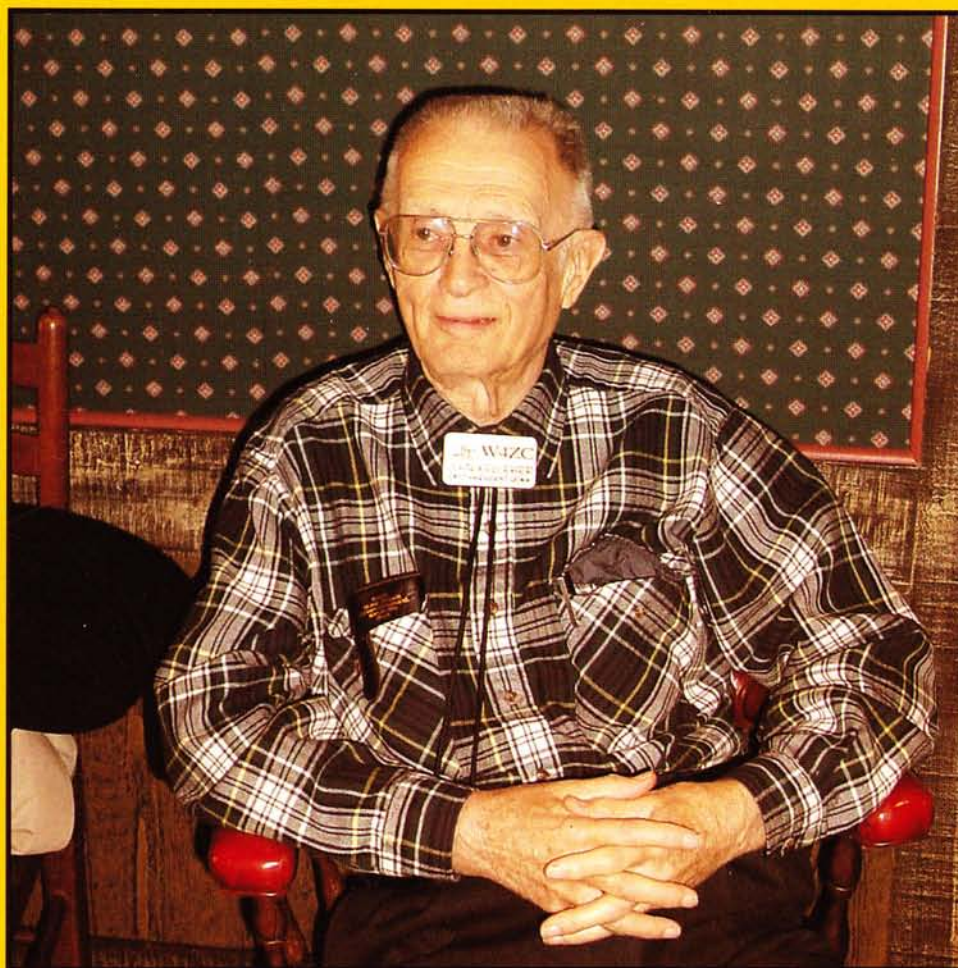
Founded in 1947

QCWA Journal

VOLUME LI

Summer - 2002

NUMBER 2



John J. 'Jack' Kelleher W4ZC SK 1914-2002

Quarter Century Wireless Association
159 E. 16th Ave.
Eugene, OR 97401-4017

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JOURNAL

Summer 2002/Vol. LI No. 2

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Cover: With deep regret the QCWA Journal expresses its sadness at the recent passing of Jack Kelleher W4ZC, a friend and Past President of the Quarter Century Wireless Association.

Enjoy the excitement of Orlando and the Florida Space Coast

at the

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The convention, hosted by Citrus Chapter 45, is close to Disney, Universal, Sea World, NASA, Science Museum, Leu Gardens and many historical sites.

See the front and back inside covers for more information.

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Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA (SK)	1972 - 1973
Frank A. Gunther, W2ALS (SK)	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP (SK)	1994 - 1996
John Kelleher, W4ZC (SK)	1996 - 1998

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Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

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The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a noncommercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax, 541-683-4181.



From the President

Gary R. Harrison, KØBC



The election of the QCWA Board of Directors is currently in progress. The election ballots were mailed in May. You should have your ballot by the time you get this issue of the Journal. If you have not received your ballot by now, let Headquarters know about it via email, regular mail or by phone. Check out the slate of candidates in the Spring 2002 issue and make your selections. Don't forget to get the ballot marked and in the mail. The election tellers must receive the ballot no later than July 15, 2002 to be counted. Ballots do NOT go to Headquarters! The new Board members will take office September 1, 2002. The next Board meeting will be in Kissimmee, Florida on October 24, 2002.

The new Board of Directors will meet before and during the 2002 Convention in the Orlando, Florida area. Check out the QCWA web site or the Journal for a registration form. The Convention hotel is very close to the Orlando area attractions. Looks like Citrus Chapter 45 has quite a bit of activities planned for your enjoyment. Come early or stay late and take in the sights.

The cruise convention is still getting nice press coverage. I received two magazines from Raija Ulin, SM0HNV containing articles she wrote about QCWA and the cruise. The magazines are "Radioamatööri" (Radioamateur) and "QTC Amatörradio" (Amateurradio). The first magazine is published in Finland by the radio society founded in 1921. The second magazine is published in Sweden by the radio society founded in 1925. I can say that the magazines look very nice, but I am sorry to say that I can't read anything other than English. Thanks Raija!

If you have not received your Cruise QSL or operator certificate by now, you should let me know. I have attempted to get all of the requests filled and mailed that I have currently. If you qualify for an operator certificate all you need to do is send me an email or regular mail message. If you qualify for a QSL certificate, please send me a stamped addressed envelope. Prior to the postage increase a \$0.45 stamp on a 9 X 12 envelope would get a certificate that is not folded. Check the current postage rates to be sure of the correct stamp. My various addresses can be found on page 2 of this Journal.

This is my last Journal column as President. I have enjoyed serving as QCWA's President. I want to thank everyone that made my term as nice as it has been! Carolyn and I have made many new friends while visiting with the members at chapter meetings and hamfests. Please support the incoming officers and Board of Directors.

The suggested QCWA calling frequencies

If you want to get on and chat with a fellow QCWA member, Chapter 63 in Oklahoma recommends the following frequencies:

CW – 3.535, 7.035, 10.115, 14.035, 18.100, 21.035, 24.925, 28.035

Phone – 3.855, 7.255, 14.255, 18.155, 21.355, 24.955, 28.355

**No nets, just a place to look for QCWA members. Spread the word around.
Also don't forget the regular nets!**

Eighty-Year Awards

Arthur Bolton NM6K



Art Bolton (l) receives his 80-year award from National Director James Williams K6HIO.



Art Bolton 6AGY - circa 1921 - with only 80 years to go until his coveted award.

Art Bolton From 6AGY To NM6K In 80 Years

Art Bolton, NM6K, formerly 6AGY, was recently awarded the Quarter Century Wireless Association's 80-year plaque (#17)! Art kindly submitted to an interview, recalling his early interest in code and ham radio.

A Boy Scout Handbook provided the early trigger for Art's first interest in learning the code. In the early part of 1920, Art and a neighbor, Bob Hatfield, strung a #12 galvanized wire between their houses in Berkeley, California and proceeded to work on what was then just a love of Morse code and the new electronics technology. Like any 13 year old Art says he spent many a night under the covers with a flashlight reading the

Electro-Import Company catalog and other magazines on this hot new technology called radio. Using galena detectors they would listen to the coastal Navy station at Bolinas, California, honing their skills on the Morse messages. In October of 1920, Bob and Art went to the 2nd San Francisco Radio show. One of the booths was sponsored by the FCC, and after asking a couple of questions, the examiner encouraged him to take a license test then and there. Ten wpm was required and Art passed the test on the spot. The system must have worked pretty efficiently back then, because his license arrived a month later in November. The two letter calls had by that time already been taken, by the 'key people,' and Art's call came in as 6AGY. A short time later it became NU6AGY, and later still W6AGY.

Art built a one-tube receiver and his first transmitter had a straight gap, but was quickly improved upon with a rotary gap. Bob's father was a Professor at UC Berkeley and had access to 'throw-away' parts from the station at Bolinas, and these provided a rich source for Art's early home made equipment. Art has no trouble remembering the calls of such early hams as 6AN who had a beautiful 500-cycle note using some much sought after Navy surplus equipment. He recalled Colin B. Kennedy, 6KN (and his wife Sophie, 6SK) who came out with a regenerative receiver with a tickler coil, (also one of the author's. 1st radios!). Then there was Carroll Steffan, 6EX, who had a 1kW rotary spark gap. There was Harold Babcock, 6BK and living across the street was Harold Silant, 6HN, who heard the first human voice over the radio in Art's Berkeley neighborhood. Down the street was 6HM so we can see that the area around the university was a hotbed of early ham activity. Art, ever the technologist, moved on to phone about '22 or '23. These must have been the 'good old days' of ham radio and, to hear Art talk about it, he relished every minute of it.

Around 1926 Art and a friend from the Carmel, California area were attending the recently opened College of San Mateo and decided it should have a college amateur radio station. They were allowed to set it up in an old house on Ninth Avenue near Baywood Park, which served as an annex to the original college site before it moved to the Baldwin High School site. Their transmitter used an 802 final, which was good for 30 to 50 watts. Art recalls the original college license as 6JC, and as the transmitter location moved with the progress of the college it was variously 6JU, 6YU, and finally the present PBS broadcast station KCSM.

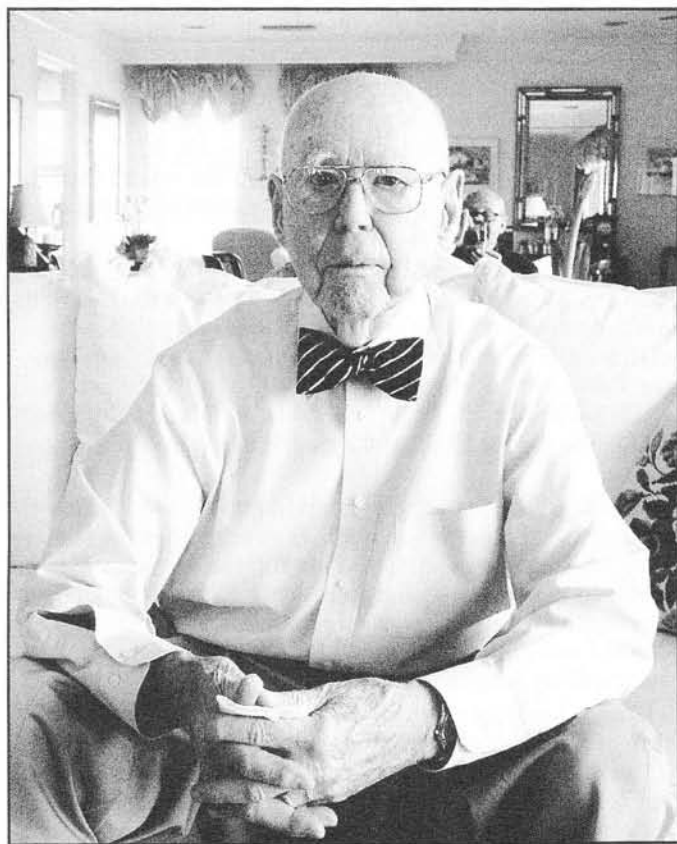
Art let his license lapse in the late 30's, marriage and a working stint in New York and Chicago keeping his mind on other issues. On returning to California around 1942, Art renewed and got the call N6FQK. He and his wife Dorothy moved from Berkeley to Menlo Park in 1949, where he quickly set up a Ham Shack in the back yard. In a break with tradition, Art went looking at the local Ham store for a couple of books he wanted and 'accidentally' returned with ICOM 702. It was his first non-home-brew rig! About 1975, and thinking his call might raise eyebrows if used on a DMV license plate, Art persevered with

two trips to the FCC and finally passed his Extra class test, receiving his present call, NM6K. In 1986, Art and Dorothy took a trip to Egypt on a freighter that carried a small number of passengers. Art had his 'new' rig with him and was allowed the use of the radio room from midnight to 8AM. He admits, some nights he "didn't get much sleep!" Obviously, over the years Art has gotten a lot out of ham radio and contributed a lot to it. Art is a long time member of the Palo Alto Amateur Radio Association, and still attends most of the monthly meetings.

In March 2001, Art was brought to the Chapter 11 luncheon for a surprise 80-Year plaque presentation by National Director and Chapter-11 President Jim Williams (K6HIO).

By Gerry Tucker N6NV

John Coleman W8SK



W8SK, 80 Years in Ham Radio

John, W8SK, who will be 95 come May was 15 when he received his license. At the time (1922) the calls already had a number and three letters. His, however, by a fluke, stood out from the list the school received with only 2 letters. Seems like his call, 8SJ, had been initially overlooked and was issued belatedly.

John grew up as a single child in Dayton and stayed there all his life. He is now living with his second wife (his first wife

died in 1985) on the 6th floor of a high-rise building with a majestic view of the Dayton skyline (see picture). Unfortunately building restrictions prevent him from operating a ham radio station.

In the neighborhood where he grew up lived a ham by the name of Fred Hooven. By day he was developing for the Air Corps a so-called "intervalometer", an instrument to control the release of bombs from an airplane. By night, however, Fred would fire up his rotary spark gap and fill the neighborhood with whining noise, which, of course, would get the attention of John. In particular, John remembers the transition of wheel going from full speed down to zero when it was eventually turned off.

Subsequently John signed up for the "wireless club" at Parker HS, which was the "high tech" activity of its days. A sympathetic teacher, acting as adviser, instructed the boys in theory and code and not long thereafter John took the test and became the proud owner of a ham radio license.

John immediately put up a flat top antenna and started experimentation with "old man spark" which resulted in not much beyond contacts with neighborhood boys his age. Soon John started working with tubes, a novelty at the time akin to what the switch from tubes to transistors was for us younger ones. However, when John went to college to study law, then got married and raised two children, ham radio had to take a back seat for a while.

He picked up ham radio again at the time the Dayton Hamvention got underway. At that time he got heavily involved in 6m operation, which was at the time a hotbed of local activity. There were surprises though as John remembers. One day out of the blue he heard and worked a station from Los Angeles. Other than those occasional surprises all else was local traffic including a number of nets. He remembers the "Brown Sugar" net. What has that to do with sugar? Absolutely nothing. Just consider the two initials though and you get the idea.

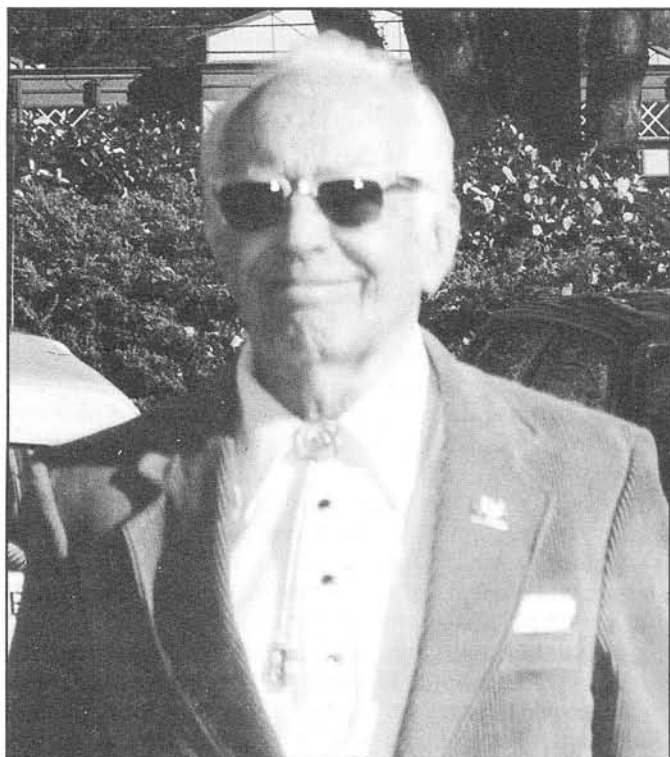
John never got to like CW and with the introduction of tubes he immediately started to work with phone. He was active on 10, 15 and 20 for a number of years and enjoyed many nice contacts.

When setting up our interview, I found out what a busy life John has. Besides traveling to see his 2 children, who live in Maine and Minnesota, and the 5 grandchildren, he is also active with the Army Reserve, which he joined already in 1926. He was just getting ready to travel to Washington for the mid-winter meeting. During WW2 he was on active duty in the Army artillery advancing from captain to colonel.

John, of course, is a member of QCWA no. 3919 and the Old Timers Club no. 461. He attends our local meetings as often as he can. We all wish the best of health and who knows, in another 5 years we might celebrate his centennial birthday.

[Reported by Carey, K8DOT and Gerd, WB8IFM]

Ralph Hasslinger W2CVF



I was born in New York City in 1906 and later moved to Ridgefield Park, NJ in 1909. I was licensed 2CVF in 1922.

While visiting a classmate, about 1918, I became interested in a gadget he called a "wireless" receiver, that emitted intriguing dots and dashes, which I thought, came from the Brooklyn Navy Yard.

I obtained an oatmeal box, some #24 DSC wire, from an older brother, who had an electrical contracting business in NYC, wound a considerable number of turns on the oatmeal box, put together a wooden frame, mounted a slider, cleaned the wire for contact and that was a tuner. Next came a crystal detector—a piece of galena and a cat's whisker, and a telephone receiver. We still needed wire for an "aerial". Once again my brother came through with 100 ft. of #14, a slate based 18" double throw knife lightning switch, which was a condition my father insisted upon for the aerial that ran from the attic to a tree in the back yard.

After fiddling around to find a sensitive spot on the galena detector, and sliding the contact on the tuner, I finally was thrilled to hear some dots and dashes! (By this time a current amateur would probably have made WAC on SSB phone with a purchased transceiver!)

One evening, I was sliding the tuner and was amazed to hear music, apparently coming from one of the first local broadcast stations playing "Margie", "I'm Forever Blowing Bubbles" and other favorites.

Next came a Ford spark coil, homemade O.T., a spark

gap using two nails, a Boston Clapp-Eastham key and I was on the air, without a license, using my initials, as was the custom in those days. I had learned the code from a local broadcast station that put out code practice at 5, 10 and 15 wpm every afternoon from 3:30 to 4:00 P.M.

I hooked up with a licensed ham, about 3 miles away, and he suggested it might be a good idea if I obtained a license. So, down to the R.I. in the Custom House in New York City and became "legal" with the call 2CVF, now W2CVF, which I have held for the last 80 years.

Now legal, in succession, came a 1 KW Acme spark transformer and a Benwood enclosed rotary spark gap. Big DX! Boston and Chicago! Progressing with wireless advancements of the time came CW with a 202, 203 and a UX852. For the 1,000 DC, I removed the 15,000 volt secondary on the spark transformer and replaced it with a hand wound coil that delivered 1000 volts AC. Rectification was achieved by lead and aluminum strips in 52, one-quart Mason jars (which was all my mother had) filled with a solution of Borax in water.

My station license authorized wavelengths of 200 meters with 190 and 170 meters as alternates! As time passed, came the development of the shorter wavelengths and their world of wonders—80, 40, 20, 15, 10, 5, 2.5 etc. DX on 80 and 40, at night, was all over the world; then we discovered that the same could be accomplished during daylight on 20 and lower.

Organizations: ARRL; Ridgefield Park Radio & Television Club, 1930; 5 Meter Radio Assn. with meetings over the air, 1935; The Northern New Jersey Radio Association, 1946; The Hudson Radiophone Assn. 1946; Quarter Century Wireless Assn. 1947; The Northern N.J. QCWA Chapter 77, 1974; The Old, Old Timers Club, Inc. 1974; The Ozone Club, 1980; and Society of Wireless Pioneers.

During the "cold war" subsequent to World War II, organized an emergency net that covered Northern New Jersey. When R.A.C.E.S. was authorized by the FCC, was licensed to operate as Bergen county R.A.C.E.S. Officer. During the following two years, I acted as the weekly net control and authorized headquarters stations in 35 of the 70 towns in Bergen county.

My first employer, in 1924, was the Radio Corporation of America, under Dave Sarnoff and J.O. Smith 2ZL. After numerous jobs, during the depression, went to work for General Offset Co. Inc. as Comptroller in 1938 and retired in 1970 as Treasurer and a Director of that corporation.

In 1939 I married Rita Stanbrough and had 62 good years, until she passed away in 2001. We had 2 children, 3 grandchildren and 4 great grandchildren.

I have been on the air for the last 80 years and at 95, the Lord willing, I will be around to renew my W2CVF license when it expires in 2007. At any rate "W2CVF" already appears on my gravestone, waiting for a final date.

Al Kahn K4FW

Al Kahn K4FW was born in LaSalle, Illinois on July 9, 1906, the son of a shirt manufacturer. He spent most of his youth in South Bend, Indiana.

He became interested in ham radio when he was 13 when his Boy Scout troop acquired a faulty E.I. Company "Wireless Set". He volunteered to take it home and fix it. After about an hour's work, he had it working and heard NAA - an early U.S. Navy station. He was hooked on wireless and went on to become licensed as 9BBI at age 15.

Al and several of his teenage friends in town held QSO's on 200 meters; the only amateur band in those days. In 1922, he acquired a half-kilowatt rotary gap transmitter then built a Hartley oscillator using a UV202 tube. He used 400 volts on the plate and was able to get 10 watts input, with an antenna current of 1.3 amps.

It was with this setup that Al made contact with Bob Baird U8CWR (now W9NN) on November 17, 1923 in Dayton, Ohio. They became lifelong friends and this led to their historic anniversary 40 meter QSO on November 17, 2000.

In the early 20's, Al started a small radio service company that specialized in sound equipment. Seeing the need for microphones for public address systems, he began to experiment and develop a better microphone. There was such a demand for his superior microphones that he founded "Electro-Voice" to manufacture microphones.

Among Al's achievements while operating Electro-Voice was inventing the Differential Noise Canceling Microphone and it resulted in an order for 100,000 microphones for the U.S. Marine Corps during WWII.

After Electro-Voice merged with Gulton Industries in 1969, Al left the company and teamed up with Jack Burchfield K4JU to form another company called Ten-Tec. Ten-Tec grew to become one of the finest manufacturers of ham-radio, commercial and military gear and was the first company in the industry to produce an all solid-state transceiver, solid-state linear amplifier and the first multi-band QRP transceiver.

Al is still active on all of the HF bands plus 6 and 2 meters. He uses an OMNI VI Plus, a Hercules and a 6N2.

Excerpted from Cohen, Dr. Theodore J. - Exclusive Interview with: Albert Kahn K4FW. CQ Magazine, December 2001

Charles Stay W4HE



L to r: Lew Bradley W3SWP, Past Pres of Chapter, Charles A Stay W4HE, Captain (retired) and John Johnston W3BE President of Chapter 91.

In Late February, several members of Chapter 91 traveled to Visit W4HE at his retirement home. He told the group about his first station was a Ford Spark coil, a key etc. To make up his transmitter, a tuning coil using a Quaker Oats box, a crystal detector etc to complete his receiver.

There will be a later visit to transcribe more detailed information on his amateur radio history.

Jack Williamson W3GC



A Tribute to Jack W3GC

I am sure many readers will recall notable items that they grew up with in Ham Radio. Some of your fondest memories

Eighty-Year Awards

may be center around items such as, Mini Dux coils, HDVL plug in coils, with that great jack bar that they so nicely plug into. How about the B & W 5100 transmitters with that fantastic AM audio and lets not forget the real state of the art for 1962, the first synthesized SSB transmitter, known as the B & W 6100.

Talk about robust antenna tuners during WWII. Every BC610 had that special tuner developed from Ft. Monmoth's requirements specification, which required to tune a short whip over a very wide frequency range within the HF spectrum. The tuner was so successful, that it lasted well into the 60's, placed on top of the BC610 follow-on transmitter, the T368.

Speaking of T368's, that was B & W development. Totally band switched and very heavy duty. Then there were all those fantastic accessory items. Grid Dip meters, distortion meters for broadcast proof of performance measurements, signal generators, SWR bridges and antenna kits. The list could go on and on.

Having known Jack since the early 70's, I have heard the stories from him many times and each time they have a freshness that makes me feel like I was actually in the center of all of it. Jack is very proud of the accomplishments that he and Barry Barker created within B & W and he certainly has reason to be. I get to see Jack once a month at our Frog Radio Club. This is a small club, with a maximum of 12 members that started in the late 30's. This last meeting, Jack was seated at the head of a rather long table. I could hear the stories down at the other end as he continues to share those stories of his Radio Career. This time, it was about a counterpoise under an antenna!

by Joe Fell WA3GMS

Porcelain led to success

It seems the Army in the early days of WWII were having a hard time trying to load 12" and 14" whip antennas. They just wouldn't accept the power. Jack had heard of this problem on a Sunday. The Army was going to have a demonstration that following Saturday.

At the radio school in New Jersey, he talked to his friend Barry Barker, later the other half of the B & W Company. The decided to design a tuner after working and testing them on such short notice. The were ready for the Saturday demo.

On that Saturday, none of the other tuners passed the test. They had made theirs out of Bakelite, plastic and rubber. They all melted down or burned up.

Jack's tuner passed and he got the contract to build a very large quantity. But what can two people do to supply the demand? Jack went to a Vo-Tech school nearby and had kids come in after school to wind coils and assemble tuners in his shop. Soon it got too crowded so he rented an old factory building that was empty. Now they had a lot of room.

But the the building was in a hard place to get to; one had to cross a small stream.

And that was the start of B & W Co. who later on diversified into transmitters and many other branches.

The simple reason for Jack's success was that he used porcelain insulators in his tuner.

by Querino Sbei W3TTW

75-Year Awards

Frank Buhman W7CVL



L to R Frank Buhman, W7CVL, receiving his 75 year plaque from Chapter Preident Gene Kelsey, N7EIF.

Art Kay W5APX



As a thirteen year old boy in 1923 I read an article in the magazine The Youths Companion by James Leo Mc Laughlin on how to build a crystal radio receiver on a pint ice cream container using a 120 turn tapped coil with a lot of paper fasteners connected to the taps. The fasteners were placed close to the top and the coil tapped every so often and pulled up and wrapped around the fastener where it entered the container.

Likewise on the lid there were equally spaced fasteners that acted as switchblades to vary the inductance of the coil. Another large paper fastener held a chunk of Galena that was the detector (or rectifier). When it was finished I hooked the contraption to an antenna that I had already put up and lo and behold I heard noise! At first the noise was just static, but suddenly there was a musical sound broken up in groups. I later checked with friends and learned I had actually heard the local coastal marine station sending a coded message. I waited for a broadcast station but never heard one. In those days they only transmitted when it suited them.

I had several friends from high school who were also interested in this new-fangled thing called radio. We practiced code, as we did not know anything else to do. Then suddenly a Zenith Radio dealer in Tampa opened a new broadcast station WMBR. It was on regularly and on several occasions announced that their chief engineer was going to teach radio classes at the studio on Friday and Saturday nights so school kids could attend. Our group of seven rode the streetcar each night to these classes and before long we went to the Post Office and sat before Department of Commerce representative (this was before the FRC or FCC) who gave the code and theory tests. We all passed.

About this time my dad, who worked in a bank, was transferred to a bank that needed help in Dunnellon, Florida. We rented a house with a room in the attic that became my ham shack. I had built a two-tube regenerative receiver for 40 meters and 5-watt Hartley Model 202 tube transmitter. I was listening, almost too afraid to try transmitting, but finally did and one of my friends, 4ACK answered my call. My first call letters were 4ACC, no official prefix but unofficially all USA hams used a two-letter prefix NU, Canada used NC and hams in other countries used similar prefixes. It took a while to get used to transmitting and then to hunting for signals. The forty-meter band was 7000 to 8000 KC (kilocycles ...not kilohertz). Everyone sent long CQs hoping someone would hear them.

After a year my dad was transferred back to Tampa where I took on an after-school paper route. With my earnings I bought a UX210 tube (7.5 watts) for more transmitter power! My best DX was Cuba and Canada so far.

In 1931 I moved to Beaumont, Texas and became W5CDM. I soon went to work as a radio technician at the Central Fire Station. Although my boss wasn't a ham he wanted to be one. At his suggestion we built a transmitter and used it with an antenna strung between the four-story fire drill tower and large water tank about 140 feet away. With the ham rig in the bottom floor office and an end fed Zepp antenna we worked all over the country. My boss was extremely pleased to be able to use the hobby to talk with other people who were hams that he knew and suggested that I apply for a portable call. I got W5APX.

Next I had the opportunity to take a job as a marine operator with the U.S. Coast and Geodetic Survey (at much higher pay - this was the great depression era). When the survey project ended I was offered my old job back at the fire department.

After the Japanese bombed Pearl Harbor more Public Services wanted radios for emergency communications. My boss, who was well known statewide and nationally with fire, police and signal groups, was asked by the local newly organized Civil Air Patrol if we could build transmitters for private planes. We build the first two or three, as we were able to get parts that had been frozen for civilian use through the boss's contact with Fred M. Link who was manufacturing police two-way radios. As there were very few radio technicians around I was frequently called on by various cities and sheriff departments as well as the Naval Base at Sabine Pass, Texas. During this period I put in very long hours with very little sleep.

The Texas Forest Service wanted radios for timber protection. We purchased several 100-watt factory-made ham radios that were forbidden to be used because Ham radio operations were suspended for the duration of the war. We converted these radios to their assigned frequency in the 2 mc frequency range and installed them around East Texas forest so they could communicate with the central office in Lufkin, Texas.

As I had been a student of E. H. Armstrong's writings about frequency modulation I was not surprised when Motorola announced their new mobile FM units. I was lucky enough to meet and become friends with Dan Noble, the Chief Engineer for Motorola who was also a long time friend of Armstrong. Shortly after the war ended I was approached by Motorola to open a Factory Authorized Service Facility. I soon opened Kay Electronics and operated it until my retirement in 1987.

I hold a Radiotelegraph First Class Commercial License and an Extra Class Amateur License. I can also use Landline Morse Code.

To me it has been a short 75 years and I have met many people and made many friends, both hams and otherwise. I only wish I could have another 75 to see what major changes will unfold, for there will be, and they too will be useful and interesting.

Bob Rudd WØEUT



Left to right: Dick Newsome, WØHXL, Bob Rudd, WØEUT and Bob Atwood, WØRWA,

Bob Rudd's Bio

I was born in Bellevue, Ohio, February 3, 1909. After several moves in my young life, we ended up in Omaha. This was in 1924. I entered Technical High School at age 15. My good friend Orville Weimer was 9AEZ at the time and introduced me to Ham radio. He had learned the code while in the Boy Scouts using signal flags to determine the dots and dashes. He invited me to stop by his shack and listen while he worked. This I did, but it wasn't easy. He had a pair of Baldwin headphones with the green silk cord. He separated the phones and I listened in one and he the other. I soon learned the difference between a dot and a dash and wrote them down as they came. Numbers came easily but the words didn't. It was a long time before I could put a sentence together. With his help, I applied for my license which, then was issued for one year. There were no prefixes in those days so my call was just plain 9EUT. Eventually ARRL or some ham may have suggested we use U meaning United States. Later ARRL did suggest we use N calls such as NU for United States, NC for Canada and NM for Mexico. Australia was then OA, New Zealand was OZ and other countries had different prefixes than they do now.

My first rig was a Hartley Osc using a 201-A with 90 volts of B Battery on the Plate. I had a paper route at the time and I would pick up the discarded batteries from garbage cans along the route. I used dry cells to light the filament. The antenna system was a 65-foot wire for the antenna and counterpoise as required in those days. Later I improved my equipment with a TPTG rig using copper tubing coils wound originally on a rolling pin. The antenna for this rig was an off-center Hertz and the feed line was tapped off at 11.5 feet from the center. The feed line was attached to the plate coil. I used raw AC as I had no rectifiers at that time. I had traded my old Harley-Davidson Motor Cycle for a thousand-volt transformer. By this time I had saved up enough money to buy a 210 tube. I was criticized no end for using AC on the plate. I saw an article in QST where a rectifier using lead and aluminum plates suspended in a Borax solution would solve the problem. I took a dozen of my Mother's pint fruit jars, got the aluminum sheets at the hardware store and lead at the plumbers. I filled jars with Borax solution and poured oil to keep the solution from evaporating and I was in business. I scrounged filter condensers here and there and had an NDC note meaning Near DC. My key was made from mechanical set parts. I was called a "side Swiper" if I remember correctly. In the darkness the jars would give off a glow.

My receiver was also mounted on a board and also used "B" batteries and dry cells for filament. I wound the coils for 40 meters from info in the ARRL Handbook. I used the small peanut tubes, but cannot remember their numbers. (When you get my age you are lucky to remember your name!) I again used tuning condensers from battery sets. Sockets and everything were screwed to a board and why it worked I do not know. I used headphones probably bought at Kresge's 5 and 10. I still have QSL's from 1928 and all original licenses back to 1927.

As I advanced in know-how, I acquired the early gear but built myself a 500-watt linear using one of the surplus tubes. One of my receivers right after WW2 was a BC 348 receiver. I eventually traded it off for something better but can't remember what it was - HI HI. In a few years, I had obtained a Telegraph 2nd and Telephone First Class License. In the 50's I worked for WRL, for 5 years. Prior to that time I was with WOW Radio for 18 years. I left WOW for KFAB then to WRL, just to make it a bit clearer. An opportunity came up for me to join FAA



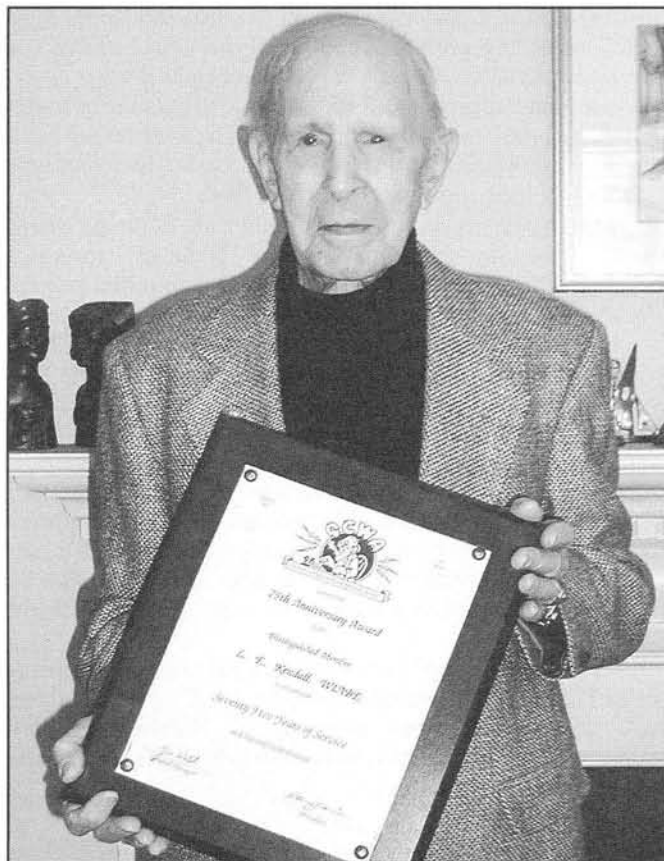
Dick Newsome W0HXL, Jim Leedham WB0BIK, Bob Rudd W0EUT, Don Perazzo W0YQY and Bob Atwood W0RWA.

and was with them 13 years. I retired in 1970 from FAA and moved to North Platte, Nebraska and lived there for 27 years. My wife passed away in 1999 so I came to live with my daughter in Omaha. Dick Newsome, W0HXL put up my present antenna, a long wire 165 feet long. It works beautifully and allows me to work all bands. My thanks go out to the Omaha hams of QCWA for what they have done for me.

Thank you for the 75-year plaque and Honorary Life Membership in QCWA.

Best 73, Bob Rudd, W0EUT

L.E. Kendall W1ABE



In late February, Fred Ravens K1QLG, Yankee Chapter President and Chuck Walbridge K1IGD, Yankee Chapter Secretary/

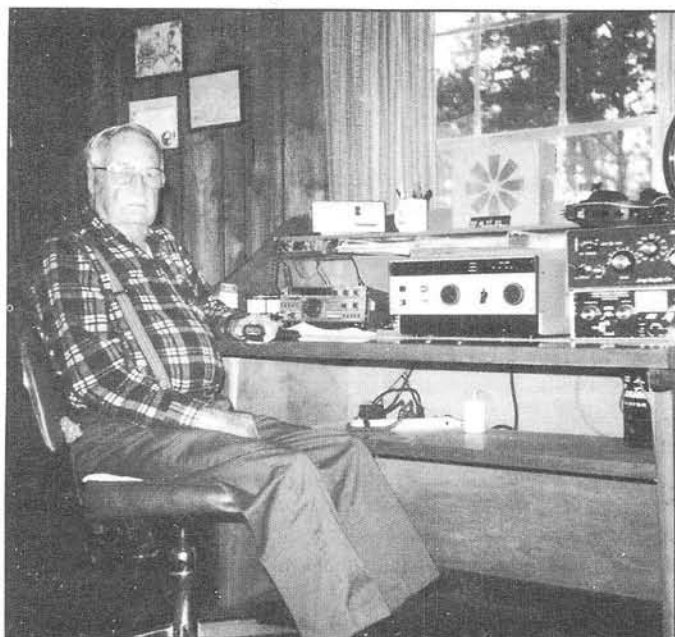
Treasurer, visited Les Kendall W1ABE, to present to Les his 75-year Service Award from National. Les also has another anniversary coming in March, his 100th birthday! His ham radio interest started with a spark transmitter that was made from a telephone induction coil, an interrupter made from a doorbell, and the spark gap made from the ends of his mother's curtain rod. Age? 12-years old!

Les served in the Navy as a radioman, having been trained at the Great Lakes Naval station in Illinois. He tells the story that after completing his training, his orders gave him several days of leave. But when he showed up to join his ship, he was told that he was AWOL and his ship, the USS Wyoming, had sailed! When several other sailors showed up, also from Great Lakes Naval station, the Navy realized that these men were, in fact, following their orders. Since their original ship had sailed, they were assigned to a submarine tender, the USS Savannah, which, at 8 knots, took many weeks to catch the faster USS Wyoming.

He left the Navy in 1925 and joined the Navy Volunteer Communications Reserve. This was organized between ARRL and the Navy during WWI. He worked as the Radio Manager in several hardware stores and during the depression, he opened and ran the Kendall Radio School, which provided training for hams and others interested in radio. He attended school at night to get a business degree and later, attended University of Massachusetts to get a degree in teaching. He also served in WWII, on the Destroyer USS Greer.

Les is very active on the ham bands maintaining schedules on 75-meters. And he shovels his own snow when the plow does not arrive on schedule!

Delery Freret W4KB



My interest in signals began during World War I with the navy's use of flags and flashlights to send messages.

About 1925 I built a cat-whisker crystal set. Then came a three tube regenerative circuit using UX199. With this I heard a station that signed CQM from Havana, Cuba. That did it! I was hooked! So off I went to Gulf Radio School.

On August 12, 1927, —I was 15 years old—the Department of Commerce in New Orleans, La. issued my first license. My call was 5NM. Boy was I extremely proud! My very first

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transmitter was a 210 tuned grid-tune plate; rawa/c on plate. The receiver was a three UX201 regenerative. I used a broadcast antenna. When I was 17, my call was changed to NU5NM; however this lasted only a few months before being changed again. This time to W5NM.

In 1929 I was licensed as Radio Operator Commercial Class. I became side tracked for awhile, and didn't operate as much.

While in Hialeah, Fl. in 1956, my call was again changed—to W4KB—which it is to this day.

I have enjoyed my three quarters of a century as a radio operator both commercial and amateur. And I still have my phones on!! I make several net calls a week and have a weekly visit with the family; including sons Del Jr. W6KOZ and Rene N4MHL.

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JoAhn J. 'Jack' Kelleher W4ZC SK

John J. "Jack" Kelleher, 87, who retired from the National Aeronautics and Space Administration as a project manager for operational aspects of experimental communications satellites and Past President of the QCWA, died of cancer Feb. 28 at home in Olney.

Mr. Kelleher was born in New York and grew up in Red Bank, N.J. He became a licensed amateur radio operator in 1932 while he was in high school.

From 1932 to 1937, he was an Army radiotelegraph operator, then worked for RCA Communications in New York from 1937 to 1940. He came to Washington in 1941 to work in the White House signals detachment. Later, he worked in military signals units in North Africa during World War II. From 1943 to 1962, he was a civilian project and program manager in the office of the chief signals officer in the Department of the Army in Washington.

He joined NASA in 1962 and retired from federal service in 1969. But he continued to work in communications satellites for private industry, including National Science Labs, until 1991.

Jack was a Life Fellow in the Institute of Electrical and Electronics Engineers (IEEE); Fellow in the Radio Club of America; Life Member of the Society of Wireless Pioneers (SOWP), President of SOWP since July 1994.

He was a radio amateur for 67 years; life Member of the American Radio Relay League; life member of the Quarter Century Wireless Association (QCWA), member of the QCWA's Board of Directors and President of the QCWA from 1996 - 1998.

He received the U.S. Army medal for Meritorious Service 1960; NASA Exceptional Service 1969 and the IEEE Centennial Medal 1984.

His first Wife, Charlotte Lillian Sigrist Kelleher, died in 1979.

Survivors include his Wife, Margaret Jacobson Kelleher of Olney; four sons from his first marriage, Thomas A., of Woodbridge, John J. Jr., of Arlington, and David P. and Gerald C., both of Annandale; three stepchildren, Richard Jacobson of Chalfont, Pa., Arthur Jacobson of Indian Head and Michael Jacobson of Clarksville; 15 grandchildren; and one great-grandchild.

Marconi - Father of Tropo?

By William T. Burke W1LDG

I know that much has been written about the vision of the great Marconi but perhaps his experiments with over-the-horizon transmissions at microwaves in the 1930s are not so well known.

The following is from a paper by Dr. Thomas J. Carroll given in 1956 at the International Colloquium on Propagation at Paris, France, entitled "Microwave Propagation Well Beyond the Horizon from Marconi to the Present".

In December 1932 Marconi said "Long experience has taught me not always to believe in the limitations indicated by purely theoretical considerations or even by calculations. These, as we well know, are often based on insufficient knowledge of all the relevant factors. I believe, in spite of adverse forecasts, in trying new lines of research, however unpromising they may seem at first sight. In regard to the limited range of propagation of these microwaves, the last word has not been said. It has already been shown that they can travel round a portion of the earth's curvature, to distances greater than had been expected, and I cannot help but remind you that at the very time when I first succeeded in proving that electric waves could be sent and received across the Atlantic Ocean in 1901, distinguished mathematicians were of the opinion that the distance of communications, by means of electric waves, would be limited to a distance of only about 165 miles."

In the summer of 1933 Marconi set up a 500 Mcps experiment with 25 watts of power in reflectors of two meters aperture, between the Italian mainland and his yacht *Eleftra*. In describing his experiment, he said "In spite of the fact that the optical distance was only 30 kilometers, the radio telephonic and radio telegraphic signals sent by the transmitting station and received on the yacht were with clarity, great strength, and regularity at a distance of 150 kilometers, that is at 5 times the optical distance".

Dr. Carroll noted that the description of the 1933 experiments on 500 Mcps were first read to him in an English translation from the Italian original in March, 1956, and to the best of his knowledge, no contemporary propagation specialist was aware of the prophetic little paper published in Italian by Marconi in 1933.

One wonders if we should call Marconi the father of tropo in addition to his HF contributions. As Armstrong said in 1958 "When we remember the low power available for transmission and the crudeness of the equipment with which Marconi accomplished the 168 mile transmission, and consider the incomparably superior equipment that has been available to us from the technical developments of World War II, the wonder is that his prophecy went so long unheeded, and that the investigations of the past few years were so long deferred. Certain it is that with the tools at hand, we have taken a long time to catch up with the prophecy."

The author worked at the MIT Lincoln Laboratory investigating and developing equipment utilizing the tropospheric mode of transmission. Also working there as an ionospheric researcher was Dr. Thomas J. Carroll who later presented a paper in France revealing Marconi's previously unknown experiments with tropo.

My Cousin Raymond

Jack Emerson W4TJE

Tonight is the second time in my life that I'm spending the night with my cousin Raymond. It reminds me of a warm, spring evening 27 years ago, which was the first time I spent the night with my cousin Raymond. There is a great age difference between us. Raymond had been a Marine in the Second World War, and was already well into middle age. On the other hand, I was eleven years old, and struggling at the time to come to grips with the recent death of my grandfather.

Raymond and my grandfather had always been close. Though he lived an hour's drive away, Raymond visited him on an almost weekly basis, usually on Saturdays, around noontime. My family lived across the cow pasture from my grandparents, so I was usually around whenever Raymond showed up. As far back as I can remember, Raymond was always telling my grandfather about the people and places that he had spoken to on his radio. I will describe my grandfather's interest in these radio tales as "polite". That is, he was interested only because Raymond enjoyed it. Otherwise, I'm sure my grandfather could not have cared less. However, this was a Saturday ritual that went on for years.

In the spring of 1975, my grandfather had been deceased for three months, and my family had moved into the big house that had been my grandfather's. It was a Friday afternoon when Raymond stopped by for a short visit. This was the first time he had been back to the house since my grandfather's death. When Raymond and my father had finished talking, and as he was about ready to leave, I asked him if he had talked to anyone on the radio lately. He turned to me with a big grin on his face and a twinkle in his eyes, and said, "come on home with me, and I'll show you." I had a change of clothes tucked under my arm before my parents had a chance to change their minds, and Raymond and I were out the door and gone.

I can remember it now like it was yesterday. We were sitting in the den of his house, surrounded by hunting trophies. Raymond dialed in a particularly strong station, called him, and when the voice on the other end said that he was on a boat in the Gulf of Mexico, I thought that was the most amazing thing I'd ever heard.

That night, after supper, Raymond let me listen for hours, until there were no more signals left to hear. As he sent me off to bed, he told me to get up early so I could hear some signals from across the Atlantic.

The next morning, by the time I woke up, Raymond was already on the air, talking to his friends in England and Sweden. I instantly knew that these were the same stations that Raymond used to tell my grandfather about. Some were strong and easy to hear, others were in the static, but it was all the most fun I had ever had. One of the stations I can still remember, Bert, SM7ATD. Bert is a silent key now, but I had heard Raymond talk about Bert for years. Bert had learned English by talking to Raymond, and Raymond had given my grandfather updates about Bert on an almost weekly basis. And here I was actually listening to him, and he was telling me "hello".

Within two years, I had my Novice license. My father loaned me \$200, and I immediately went to work after school to pay off

the loan. I am proud to say that I have had a job continuously since then.

The next Saturday, Raymond showed up with a second hand Heathkit SB-102 that he had found for me, and I gave him the \$200. To this day, I still think the SB-102 is the best looking radio ever made, and I have one sitting right beside the more modern equipment in my shack today.

After he and I placed the equipment in my "shack", he showed me how to build a rotary dipole for 15 meters. Within an hour, I was on the air. Sometime that afternoon, Raymond slipped out of my shack while I was engrossed in a QSO on 15 meters.

That was a generation ago. In that time, I've grown up, served six years around the world as a U.S. Marine, and married a wonderful lady who understands my love for radio. Between us, we now have a five year old daughter that is the joy of our lives. But never during that time have I been without my radio. Raymond and I have probably talked on the air, on average, maybe 3 times a week for the past twenty-five years. I have made friends around the world through him, and have had the good fortune to meet some of them in person. All in all, it has been a wonderful adventure.

As I said, tonight marks the second time in my life that I've spent the night with my cousin Raymond. As I write this, Raymond is laying in a hospital bed now, fighting to recover from a stroke, and this evening it is my turn to watch over him. Tonight, I've had a lot of time to think about these things. Maybe it is because this evening is a warm, spring, Friday night that reminded of a similar night 27 years ago. Whatever the reason, I don't think I've ever thanked Raymond. That's what I'm attempting to do now.

You see, this generation is rapidly leaving us. It is the best and toughest generation our nation ever produced. Raymond is a good representative of these children of the Depression and young men of World War 2. But what they accomplished, and how they shaped our world... and how he shaped my life... Thank you Raymond.

Much has been written in recent years about the spirit of amateur radio. I can tell you about the spirit of amateur radio, because I come home from work every night and answer messages from all over the world from hams asking about Raymond. When I get on the air, I am overwhelmed at times by the number of stations asking me about Raymond and how he is doing. Though you've never heard him in a pile-up, he has more friends around the world from forty years of ragchewing than there are DXCC countries to be counted. The spirit of amateur radio is strong.

Likewise, much has been written about the future of amateur radio. The great generation that created the golden age of amateur radio has now earned their rest, and many of them are leaving us now. But I can tell you that whether Raymond returns to the air (I wouldn't bet against him or anyone of that generation), or even if his microphone goes silent forever, the future of amateur radio is secure. This great generation has secured their legacy within the amateur radio community. They have passed both their love for, and the traditions of, this great hobby to us. Amateur radio will continue to evolve, but the traditions and the love of it will endure intact. To W4GXT, Thank You.



Gen. Manager's Report

Jim Walsh, W7LVN

Spring has sprung in Eugene and the weather has warmed a little bit and I am feeling much better about everything what with all this nice brightness. For those that are interested my six months check-up shows that I am still without the cancer.

Early in March Duke Knief and I opened the QCWA table at Charlotte, NC and had a great time. The facilities are very good, the people were wonderful to work with and we got to meet a lot of old friends, plus we obtained a number of new members and renewed some others.

A few months ago we had to take down our repeater here in Eugene and we could not find a suitable place to put it after being in the same place for over twenty years. When we installed it, we purchased a controller with all the bells and whistles. Now, we found someone to take over and they installed it and the 147.26 repeater is again talking in the Eugene area. Not only that, but they have installed an I-Link system and now work around the world thru the two meter repeater. I suggest that you read the March issue of QST, page 38 for a good description of this technique. This has been an answer for many who are subject to antenna restrictions and for those who just do not have the room to put up outside antennas. One of the circuits they open, locally here, allows for conversations with England, Italy and all over the continent. After you read the article, open a couple of the URLs they list and read further.

Have a good Summer and please cast your ballot.

Jim, W7LVN

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It is important that we preserve any or all material pertaining to the history of the QCWA for posterity. If you have items to contribute to the historical record of the QCWA organization, please contact:

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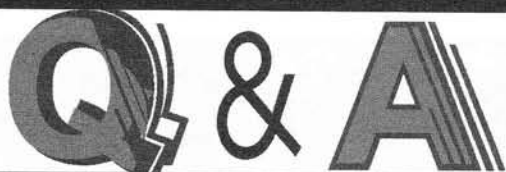
By Joe Zelle W8FAZ

Recently three QCWA radio Hams were the guests of John Marinko, who is in charge of production at TV Channel 3 in Cleveland. They were Cleveland Chapter 1 QCWA President Richard Ingraham WA8TPP, Jack Goldfarb W8WGO, and Joe Zelle W8FAZ. They were taken on a tour of the latest TV Channel 3 complex. The programming center is located south of the city downtown airport and east of East Ninth Street. The enormous, spacious television studios are the newest and most modern facilities in the country for telecasting. Everything for broadcasting and telecasting is located under one roof. It also houses program facilities for TV Channel 23 of Akron. Also a complete satellite transmitting and receiving station is contained in a large truck, ready for instant action somewhere at a moment's notice. Thus ultra modern plant represents an investment of \$31,000,000. These three Radio Amateurs had the opportunity to see the extent to which their early amateur struggles since the turn of the century had expanded and developed. Everything is computerized now! There are practically no "live" shows anymore. The visiting Hams saw groups of technicians huddled before a monitor screen working on material, which would eventually appear on our television sets at home.

They were fascinated by the news desk stage, the dozens of monitors on news desks, a battery movie set with cranes - a la Hollywood. All that was missing were the technicians, the gaffs, directors, and the late Humphrey Bogart with a bevy of his stunning movie stars.

The visiting pros left the TV center in a daze. "And this is just an NBC affiliate" one of the impressed visitors exclaimed, as they left the studios.

It was a dazzling and exhilarating experience.



The Rules Say...

John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

This column is devoted to answering QCWA members' questions about the current USA regulations for the amateur radio service. Part 97 of the FCC rules is contained in the document Title 47 — Telecommunications - Code of Federal Regulations Parts 80 to End. A copy may be purchased from the Government Printing Office or downloaded from http://www.access.gpo.gov/nara/cfr/waisidx/00/47cfr97_00.html. The current version is dated October, 2000. Questions, call signs and incidents mentioned herein are for explanatory purposes only.

Inheriting a call sign

Q. I have had the call since 1935. I am the original holder. When I am gone I would like for my son to get my call. How would I go about making this happen?

A. Thanks for asking. Apparently, quite a few of our members would like to "will" their beloved call sign to an heir. Your call sign is in Group C. That means that your son, who holds an amateur operator license grant higher than Novice, will be eligible to apply for it immediately — when it becomes available — under the close-relative-of-former-holder-now-deceased provision in the Vanity Call sign system.

Assuming that your son is your only close relative who is an amateur operator, and assuming that no one other than yourself has ever held that call sign, make clear to him that he will have a two-year period to apply before the call sign is made available generally. When there are other amateur operators eligible for a call sign under the close-relative-of-former-holder-now-deceased provision, however, it will go to the first one making application for it. This point is often overlooked. The eligibility is not limited to a relative of the most-recent holder. It goes to relatives of ANY former holder.

The application can be made electronically or by postal mail. Recently, the vanity system has had to cope with the anthrax situation with Government mail. Hopefully, this has been resolved. Start with <http://www.fcc.gov>. Then click on Wireless Telecommunications Bureau and Amateur. Or just use the search feature to find the vanity call sign application page.

Q. I want my grandson to inherit my call sign. How should he go about it?

A. Thanks for an often-asked question. Section 97.19 (c)(1) says that a grandchild, who also holds the required operator class of license grant, is eligible to apply for a vanity call sign under the close-relative-of-former-holder-now-deceased provision. This can be done just as soon as the SK's license grant is removed from the FCC licensee database. Here are the steps that he can take to shorten the time period it takes to make this happen:

1. Prepare an envelope package containing a signed request for cancellation of the SK's license grant due to the death of the grantee.
2. Include a copy of the SK's license document and a copy of the death certificate or an obituary notice from the newspaper showing the date of death.
3. Mail the package to the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245.
4. As soon as the license status has been changed to "canceled" on the FCC licensee database, file the application for the vanity call sign. The call sign will not be held for him.

Q. Can you advise me how to have my call sign assigned to my niece? I sure would like to think that W9NN would stay in the family.

A. With a fervent wish that what we are discussing is a long way off in the future, Bob, your niece someday will have the opportunity to obtain W9NN under the vanity call sign system. I hope that she will keep the call sign of one of our original QCWA Charter Members on the air. You can be certain — as a result of the honor and fame that you have brought to W9NN — that is something that would be greatly appreciated by QCWA members everywhere.

Holding an Amateur Extra Class operator license, your niece will be eligible, under Section 97.19(b)(3) of the rules, to request your Group A call sign W9NN under the close-relative-of-former-holder-now-deceased provision. This rule provides a two-year window during which eligible close relatives can request the call sign. After that two-year window expires, if still unassigned, any Amateur Extra Class operator can request it under the first-come, first-served provision.

Q. Can our club station call sign be used at the station of one of our members?

A. Yes it can, provided your club station license trustee is agreeable to the arrangement. In effect, the apparatus at the member's primary station is operated as the club station. The call sign used in the station identification announcement required by Section 97.119(a) would be, therefore, that assigned to your club station.

Q. During a two-day contest, could our club station call sign be used at one member's station on the first day and at another member's station on the second day?

A. There is no FCC rule that would prevent your club from doing that, but it could well be that the contest rules might do so. Check with the sponsor of the contest.

Q. Can our club station call sign be used simultaneously at the stations of several of our members?

A. Yes it can, provided your club station license trustee is agreeable to the arrangement. The FCC rules do not place a limit on the number of amateur stations that can transmit at any one time under the authority of the same amateur station license grant.

Pacemakers

Q. I recently had a pacemaker implanted. Am I in any danger of it malfunctioning when operating my amateur station?

A. Great question! That is a matter, however, that you should discuss with your doctor and the manufacturer of the device. You might also ask our members to relate their personal experiences with such devices. Try asking for that information

on our qcwa.qth.net. You can signup from our web page at <http://qwca.org>.

Repeaters

Q. What is a repeater?

A. Section 97.3(a)(39) says a repeater is an amateur station that simultaneously retransmits the transmission of another amateur station on a different channel or channels. It is a unique type of operation for which the rules authorize special privileges. This definition establishes the scope of our operations to which the special privileges apply.

Q. What are the special privileges for a repeater?

A. In Section 97.205, subparagraph (d) authorizes a repeater to be controlled automatically. Subparagraph (e) authorizes limiting the repeater to certain users. It also excuses from the remotely controlled station requirements in Section 97.213 any ancillary functions available to users on the repeater's input channel. Subparagraph (g) excuses the control operator of a repeater from accountability for communications that the repeater retransmits inadvertently.

Q. What is an ancillary function?

A. In the context of Section 97.205(e), the word *ancillary* makes it possible for a repeater to provide its users with the ability to store and retrieve messages, access an autopatch, link with another repeater, etc., without the need for the user to take on the responsibility of the repeater's control operator.

Q. What are the frequencies that may be used by a repeater?

A. Section 97.205(b) together with Section 97.301 authorize a repeater within ITU Region 2 to transmit and receive on channels in VHF segments at 51.0 - 54.0 MHz, 144.5 - 145.5, 146.0 - 148.0 MHz, and 222.15 - 225 MHz.

The UHF repeater segments are at 420.0 - 431.0 MHz, 433.0 - 435.0 MHz, 438.0 - 450.0 MHz, and the 33 cm, 23 cm and 13 cm bands.

Repeaters are authorized to use all amateur service SHF and EHF bands.

Additionally, a repeater station having a control operator holding a General, Advanced or Amateur Extra Class operator license is authorized to transmit and receive within the HF segment at 29.5-29.7 MHz.

Q. Can my station use amateur service frequencies outside the repeater segments to retransmit from other amateur stations?

A. Your station can retransmit, simultaneously or delayed, transmissions of another amateur station under the general station operation standards in Subpart B of the FCC rules. However, such operation does not qualify for the special privileges afforded to repeaters. Note that Section 97.115(f) says that no amateur station, except an auxiliary, repeater or space station, may automatically retransmit the radio signals of another station. The usage of the term *automatically retransmits* limits your station's retransmissions to those that are manually activated by the control operator.

Q. Where in the rules are the technical standards for repeaters stated?

A. There are no technical standards in the FCC rules just for repeaters. Many years ago, the amateur service community established the basic standards in widespread use; such as the input channel frequency offset and channel spacing. The fact that they have endured and continue to serve us so well is a tribute to the hard work and foresight of our repeater pioneers.

Q. What is a channel?

A. Although the amateur service rules use the term *channel*, the term is not defined therein. It is that narrow segment of radio spectrum occupied by most of your station's transmitted signal. In the broadcasting services, each designated channel has been assigned a number. TV viewers are familiar with these, although they may sometimes wonder why there is no TV Channel 1! Most of us simply state the reference frequency to indicate our channel of choice (7.035 MHz or 14.347 MHz, for example). The segment of spectrum occupied, of course, is more than a single frequency. It is a band several Hz, kHz or even MHz wide, depending upon the emission type.

Q. What is a remote base?

A. The term *remote base* does not appear in the amateur service rules. It is borrowed from the land mobile radio services. Using much of the same technology as our repeaters, amateur operators construct and operate systems of amateur stations linked together for the purpose of providing communication coverage over specific areas. Our repeaters, in a sense, are an outgrowth of earlier work carried out as remote base activity.

Q. Our repeater transmits W3BE/RPT as the station ID. Is the indicator RPT required?

A. No. The rules do not require an indicator in the station identification announcement, but Section 97.119(c) authorizes a self-assigned indicator. Including an indicator such as *R* or *RPT* is a widely accepted way to make known to listeners that the station is being operated under the special rules for repeaters.

Q. What is coordination?

A. Section 97.3(a)(22), in effect, defines *coordination* as a process whereby a frequency coordinator recommends transmit/receive channels and associated operating and technical parameters to amateur stations in order to avoid or minimize potential interference.

Q. Must our repeater be coordinated?

A. No. The FCC rules do not require any amateur station to undergo a formal coordination process. If your repeater is in an area where repeaters are few and far between, our traditional informal coordination process of hear-and-be-heard may be sufficient to avoiding causing harmful interference. In many areas, however, there are so many repeaters that formal coordination may be the only practical way to make certain that a repeater is operated without causing interference to another repeater.

Q. What is harmful interference?

A. Section 97.3(a)(23) says that *harmful interference* is any interference that endangers the functioning of a radio navigation service or other safety services or seriously degrades, obstructs or repeatedly interrupts a radio communication service operating in accordance with the international Radio Regulations.

Q. Don't the rules say that no frequency will be assigned for the exclusive use of any station?

A. Yes. Section 97.101(b) says that exactly. The ability to select your station's transmitting channel and emission mode is the fundamental privilege that makes the amateur service so interesting. It is the very reason that our amateur service community is composed of highly capable persons intrigued by radio technology. It allows us to enjoy an astonishing network of repeaters worldwide. As with most privileges of real value, however, it carries with it a critical responsibility. We are expected to share our spectrum wisely. Note that Section 97.101(b) also says

that each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of our spectrum. Hams have an outstanding record of doing that exceptionally well.

Q. Why should we have our repeater coordinated?

A. The most compelling reason for your repeater to be coordinated is given in Section 97.205(c): "Where the transmissions of a repeater cause harmful interference to another repeater, the two station licensees are equally and fully responsible for resolving the interference unless the operation of one station is recommended by a frequency coordinator and the operation of the other station is not. In that case, the licensee of the non-coordinated repeater has primary responsibility to resolve the interference."

Q. What are the other reasons our repeater should be coordinated?

A. Coordination is an excellent method for your repeater to comply with the spectrum-sharing requirement in Section 97.101(b). Additionally, when your repeater's operation is coordinated, your station licensee has a strong argument that good amateur practice is being followed, as required by Section 97.101(a).

Q. Our repeater is coordinated, but it receives interference from another repeater. The other repeater is also coordinated and its station licensee complains that it receives interference from our repeater. It is really annoying to the users. Who is responsible for resolving this matter?

A. During any period when one repeater is interfering with another repeater, the control operator of the repeater causing the interference may be in violation of Section 97.101(d). This rule says that no amateur operator shall willfully or maliciously interfere with or cause interference to any radio communication or signal. When each repeater causes interference to the other, the licensee of each station is responsible for resolving any interference caused by that station. Both of them should work together to arrive at a satisfactory solution. They might ask their coordinator to revisit its recommendations. The answer may be to make modifications in the operating and technical parameters for either or both stations. For instance, a workable solution may require adjusting antenna coverage, lowering radiated power levels, implementing receiver tone control squelch, moving one or both stations to a different channel or time-sharing use of the channel.

Q. Many years after our repeater was in operation, the frequency coordinator gave our channel to another station. What is the FCC going to do about that?

A. You can expect that if your repeater remains in operation on the channel and causes interference to the other repeater, the FCC may issue to your repeater station licensee a Notice of Apparent Liability for causing harmful interference to radio communications in violation of Section 97.101(d). For the good of the amateur service, please don't ask the FCC to overrule your area frequency coordinator! If it were to do so — and let's hope that it never does — it would mean that the FCC has lost confidence in our ability to coordinate our repeaters.

Q. Why don't we receive credit for being on the channel first?

A. Maybe your frequency coordinator did take your prior use claim into consideration. Apparently it has decided that your claim to the channel is outweighed by the need for a more effective arrangement of repeaters in your area.

Q. There is no frequency coordinator in our area. If another repeater causes interference to our repeater, which station licensee must resolve the interference?

A. Because your repeater is uncoordinated, its station licensee has primary responsibility to resolve the interference when the other station is coordinated. If the other repeater is also uncoordinated, both station licensees are responsible for resolving the interference.

Q. Does the FCC select our coordinators?

A. No it does not. The FCC does not select the frequency coordinators in the amateur service.

Q. Does the FCC specify how we must go about selecting our frequency coordinator?

A. No it does not. The FCC does not specify how our frequency coordinator is selected.

Q. Who selects the frequency coordinator?

A. Section 97.3(a)(22), in effect, designates the amateur operators in your area whose stations are eligible to be repeater stations to select the entity that they recognize as their frequency coordinator. This is a wonderful show of confidence in the FCC rules of our ability to operate our extensive system of repeaters effectively.

Q. Who are the amateur operators in my area whose stations are eligible to be repeaters?

A. A station licensed to a Technician, General, Advanced or Amateur Extra Class operator is authorized by Section 97.205(a) to be a repeater station. Further, these persons are authorized to be the control operator of a repeater, subject to the privileges of the class of operator license held.

Q. Where in the rules are the technical parameters our coordinator must use to arrive at its recommendations?

A. The FCC does not regulate our coordinators; hence, there are no requirements in the rules specifying the technical parameters or other considerations that our frequency coordinators must observe in arriving at its recommendations. Moreover, there is no regulation prohibiting your coordinator from revising its review process as it sees fit.

Q. Our frequency coordinator is not doing its work the way we want it to. How can we make it more responsive to our needs?

A. Making your frequency coordinator more responsive to your needs is something that must be done by the amateur operators in your area whose stations are eligible to be repeaters. One way, of course, is for them to switch their support to an entity that performs the work more to your liking.

Q. How was the frequency coordinator for our area selected?

A. You will have to find the answer to that question from your coordinator. You played a part in the selection process although your role was, most likely, a passive one. The work of the frequency coordinator is one of the many volunteer activities carried out in the amateur service community. It is often very difficult, thankless work. In many areas, it is sometimes seemingly impossible to arrive at an arrangement whereby another repeater can fit into the overall landscape within the bounds of the FM technology most of our repeaters currently employ. Fortunately, we have in our ranks, highly capable people who are dedicated to meeting the challenges of coordination. Far too many of us take our coordinators for granted. For the good of the amateur service, please support them in every way that you can.

If you have comments or a question about the FCC rules for the amateur service that would be of general interest to QCWA members, e-mail to John@Johnston.net or postal mail to the byline address.

Results of the 46th Semi-Annual QCWA QSO Party - October 2002

Call	Name	Chapter	QSO's	Multi	Total
1 VE3CT	Croft	70	195	95	18525
2 W2MM/Total	Group	162	213	66	14058
3 W6ASH	Walt	11	194	62	12028
4 W2MTA	Bill	28	189	54	10206
5 W4YE	Leland	202	159	59	9381
6 VE3BNO	George	70	126	40	5040
7 N6CMF	Phil	130	134	34	4556
8 W3UHP	Emie	6	95	46	4370
9 W0HXL	Dick	25	62	47	2914
10 K2TVY	Frank	138	59	38	2242
11 KJ6YK	Buck	130	70	27	1890
12 W9HR/W2MM	Al	162	70	26	1820
13 K6KJK	Don	130	57	29	1653
14 W6HG	Graham	130	66	25	1650
15 K2IC	Earl	138	51	31	1581
16 W2SD	Ken	65	47	32	1504
17 HB9QA	Karl	106	99	15	1485
18 DJ5GG	Guenther	106	63	22	1386
19 W9NVK/W2MM	Ed	162	52	26	1352
20 K1M	Norm	45	54	24	1296
21 K04JN	Walt	76	39	33	1287
22 K6SS	Len	130	40	29	1160
23 WB9RJQ/W2MM	Ed	162	39	27	1053
24 W0AP	Mac	25	43	24	1032
25 W4HU	John	91	33	27	891
26 W0WLN/W2MM	Bob	162	34	23	782
27 W9WUU	George	WV	41	18	738
28 WB8ZWW/QRP	Wayne	OH	42	17	714
29 VE3AHZ	Jack	70	30	17	510
30 W2VEX	Norm	65	25	16	400
31 WD9DJD	Paul	2	19	20	380
32 W1GJ	Norm	134	18	16	288
33 W6HV	Troy	130	22	12	264
34 KF5LO	Ted	72	15	15	225
35 W0YQY	Don	25	13	14	182
36 W4ZZL	Ron	TN	13	14	182
37 W3EE	Lee	20	22	8	176
38 W3FYK	Bill	17	16	11	176
39 W8BFX	Dennis	MI	13	12	156
40 W3MWY	George	20	16	9	144
41 K4AVH	Bill	32	11	13	143
42 ND6N	Bob	130	16	8	128
43 WA9JMO/W2MM	Larry	162	18	6	108
44 WF1D	Gerald	146	8	10	80
45 W1KKG	Sperry	VA	8	8	64
46 W9HDI	Chuck	WV	8	7	56
47 W9KI	Howard	SC	7	8	56
48 W3TFA	Stan	23	7	7	49
49 K3RYA	Bill	6	6	8	48
50 WD8DCA	Leo	10	8	6	48
51 W3TZW	Poy	6	8	4	32
52 W0ODD	Ed	KS	6	5	30
53 W7LVN	Jim	108	6	5	30
54 DL7DH	Bert	106	13	2	26
55 NS30	George	6	4	6	24
56 W0EWT	Bob	25	4	4	16
57 DL1NP	Ben	106	6	2	12
58 W6JGL	Hap	130	3	2	6
59 W0MOU	Bob	25	1	1	1



Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, October 1, January 1, and April 1.

Chapter 1, Cleveland

At our January 12th, 2002, luncheon meeting, we were treated to a very interesting and educational talk on the "battery". The talk was given by Richard Price of Bulldog Battery Incorporated of Willoughby, Ohio. Obviously, he was a very well versed expert on the care and maintenance of batteries. Mr. Price particularly recommended that the storage battery be completely discharged before recharging the unit. Thank you, Mr. Price, for a most fascinating lecture.

One of our more distinguished members, whose Ham call is W8FAZ, observed his 90th birthday on February 25. His birthday was celebrated on February 28 at Albie's Place Restaurant in Euclid, Ohio.

A number of Chapter No. 1 QCWA members, friends, Hams, and patrons sang "Happy Birthday" to him with eleven little candles burning brightly on the birthday cake. He blew them all out and then had pieces of the cake distributed among the guests.

Joe got his Temporary Amateur Radio License in June of 1930. The following year he graduated to General, then Advanced, and now holds Extra Class. Congratulations, OM!

We welcomed three new members into the QCWA fold. They are: Robert S. Delinsky AF80; #31240, Thomas A. Sawyer WB8QLW, #30925; and Ronald L. Mayer W8KYD, #31329. Welcome, OMs!

Any QCWA member in the Cleveland area is welcomed to attend our next luncheon meeting. It will be held on Saturday, April 13, at Dimitri's Restaurant on Cleveland's near West Side (Parma).

Joseph Zelle W8FAZ

Chapter 2, Chicago Area

President Jim Quinn, K9JQ, opened the meeting at 6:30 PM. There were 8 members and 11 guests present for the meeting.

During wait for the meal, Jim Quinn welcomed the members, their guests and the non-members. He started the program by having all introduce themselves to the assembly. Jim then reported on Paul Crumm's health. It seems that he had a minor stroke but is on the mend. Paul is our program chairman and performed that job for many years. Jim described his recent adventure where he slipped in the driveway on ice and went to the ER to make sure all was well and found Paul in the same ER at the same time.

Jim announced that nominations for Director were open. Ron Steinberg W9IKZ, had requested that he not be slated because of press of business. Lee nominated Paul Bovaconti WD9DJD. Gil seconded the nomination. The nominations were closed and unanimously approved. The proposed slate of directors, Ernie Czocek, W9ULX; Lee Knirko W9MOL; and Paul Bovaconti WD9DJD was elected unanimously. Then he turned the floor over Gil Kowols W9BUB.

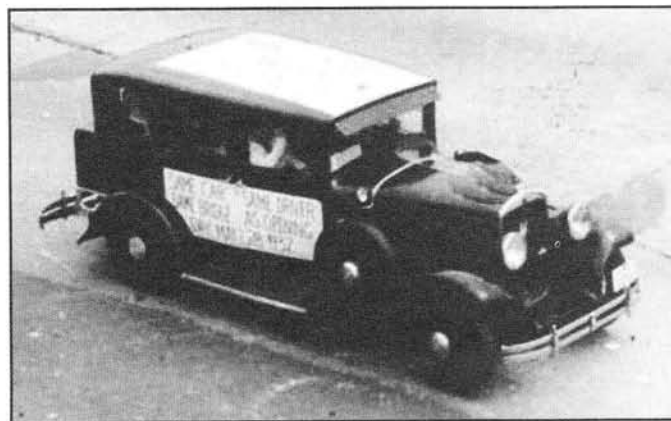
Gil informed the group that member Bob Small WA9FOV, was deceased as of the previous Saturday. Bob was a Doctor and presented many interesting programs to the group. He and his wife were always a welcome addition to the meetings. Bob had led a colorful life and was the source of many stories. He will be missed.

Gil also announced the availability of scholarships available from the "Foundation for Amateur Radio" administered by QCWA.

Then dinner was served. The restaurant served its usual fine meal. Attendees had a choice of fish, chicken or beef. But it also includes salad (outstanding) and all you can eat, soup, rolls, entrée, and desert.

After dinner, Lee Knirko W9MOL, introduced the guest for the evening, Ed Dervishian W9VSU, Chapter 2 member, Board Member and Director.

Ed described his participation in the 50th Anniversary celebration of the Golden Gate Bridge in San Francisco. Ed showed a composite videotape of the event made by him, a friend and colleague, and an official tape purchased from the bridge officials.



Ed Dervishian W9VSU, showing his 1930 Chrysler.

The Golden Gate Bridge has been heralded as one of the top 10 constructions achievements of the 20th century. It officially opened on May 28, 1937 and celebrated its 50th anniversary on May 28, 1987. One of the cars in the opening parade in 1937 was driven by Ed and was a 1930 Chrysler. Then, in 1987, San Francisco Mayor Feinstein invited Ed to drive the same car across the bridge opening of the 50th anniversary celebration. Ed put a sign on the sides of the car "SAME CAR SAME DRIVER SAME BRIDGE". (See picture)

After the video, Ed had a sample of one of the stringers supporting the bridge from the cable.

Ed's program was a fascinating look into the bridge as well as his participation in the celebration. He made you feel like you were there.

The meeting closed at 9:30 PM.

Gil Kowols W9BUB - Secretary

Chapter 5, Delaware Valley

The Delaware Valley Chapter 5 held the winter meeting on December 1, 2001 at the Town & Country Restaurant in Bordentown, NJ. Chairman Sid Deitz W2FDE, was not able to attend the meeting having had some minor surgery so Vice-Chairman Charles Davison K2DOV presided at the meeting. The meeting was opened by the Vice-Chairman at 12:10 and all were welcomed by Charley. He asked everyone to introduce themselves and give their name and call and their QTH. While the orders were being taken, the secretary read the minutes of the September meeting and the minutes were approved as read. The treasurer's report was given by Marv Foral W3QGC, and the report was accepted. A new member, John Doyle WA2NQH was welcomed to the Chapter and presented with his membership certificate and card. An announcement of the death of member John Michel K2JM, a former vice-chairman of the Chapter, was made and also that his wife Claire had passed away just two months after John's death. Since the Chapter has not had a policy on what the Chapter does towards flowers or a donation to an organization in memory of a member, a discussion followed and it was decided to make a donation to the QCWA Scholarship Fund of \$100 at the end of each year in memory of those Silent Keys of the past year. Member Bob Buus W2OD, announced that his primary Chapter 138 had made available in book form, the many radio programs that Chapter 138's well known member Phil Peterson W2DME had prepared and presented on the local radio station WADB. These programs were all about ham radio and Phil's widow provided the documents and these were made into a book. A number of Chapter 5 member's purchased the book and have found it very interesting. The proceeds from the sale of the book are going to Chapter 138's treasury. Two financial advisors from American Express Financial Advisors Inc. were the guest speakers for the meeting. They spoke on "Market Outlook and Overview", "2001 Tax Changes," and "Alternatives to CD's." Their talk was very enlightening and many questions were asked by the audience. Chapter 5 has a weekly net on Sunday morning at 9:45 on 3917 kHz and all members are urged to check in when possible. Net control is W2UAE. Also a web page is available at <http://www.resuba.com/qcwa5>.



Dr. Ed Marcus, his wife Karen and Chairman Sid Deitz W2FDE...



Three generations of Davisons from left to right: Charles Davison, Sr. K2DOV, son Charles Davison, Jr. K2DPS and grandson William Davison WB2HIO, all members of QCWA. Charles Davison Sr. K2DOV retired from Phelps Dodge Communication as a Sales Manager. Charley Sr. is 90 years old and still very active in ham radio and travels about. He lives in Hightstown, NJ. His son Charles Davison Jr. K2DPS has retired from NBC Broadcasting Company in New York as a Broadcast Engineer. He lives in East Brunswick, NJ. William Davison WB2HIO is a Data Base Analyst and resides in Colorado. All are members of the Quarter Century Wireless Association. Charley Sr. and Charley Jr. are members of Chapter 5.

The spring meeting was held on April 6, 2002 at the Town & Country Restaurant in Bordentown, NJ. Chairman Sid Deitz W2FDE, opened the meeting and welcomed all and had each one introduce themselves by giving their name, call and home QTH. During the taking of orders by the waitress, the minutes of the Decem-

Chapter Reports

ber meeting were read and approved. The treasurer's report was given by Marv Foral W3QGC. Several announcements were made and an appeal was made to have each member look for a new member for the Chapter.

The speaker for the meeting was Officer Mark Van Nest of the Burlington County Sheriffs Department, who spoke on Home Security. His talk was very informative and everyone benefited with getting good basic knowledge about making their home safer.

A number of awards were presented to Chapter 5 members. The awards were from National Headquarters and were as follows. Century Awards went to E. Miles Brown W2PAU, Marvin J. Foral W3QGC, Winston C. Goldman K3WG, Anthony S. Rura W2UDA and Richard G. Schubert K3PGC. The 55th Anniversary Award went to John M. Heisey K2FL, Ernest Kenas W3KKN and Donald G. Field W2UAE. The 65th Anniversary Award went to William F. Petty Jr W2HAZ. The 70th Anniversary Award went to John B. Power W2AXU, and Anthony S. Rura W2UDA. A 75 Year Plaque was presented to Walter E. Cranmer W2AWR. Life Membership Certificates from Chapter 5 were also presented to John B. Power W2AXU and Walter E. Cranmer W2AWR. Congratulations to all the recipients.

The Chapter maintains a net on Sunday on 3917 kHz from 9:45 to 10:30 am. All members and any interested amateurs are invited to check in. Also the Chapter maintains a web page and the address is <http://www.resuba.com/qcwa5> and all are invited to check out the web page.

Don Field W2UAE - Secretary

Chapter 16, Arizona

The Barry M. Goldwater, Arizona chapter QCWA met at Faylene's Restaurant in Surprise, AZ on January 19, 2002 for the first meeting of the new year. 40 members and guests were in attendance. After an attitude adjustment hour, President Tom Worthy, W7YW called the meeting to order and carried the mike around the room for introductions. Ken Hopper KD7KH gave the invocation and lunch was served.

After lunch Secretary/Treasurer Gerry Higgins W7ES raised the possibility of giving \$1000 to the QCWA scholarship fund. After a call for hands the donation was unanimously approved. President Tom Worthy presented Bob Cossman W7MBB with his 55 year service award and then introduced Ethel Gross who gave a talk on the accomplishments of her late husband, Al Gross W8PAL.

Al had many inventions, including the "Walkie Talkie" used extensively in WWII. One invention, the wristwatch radio gained fame in the "Dick Tracy" comic strip. Chester Gould, the strips creator, called on Al and got his permission to use the concept in his comic strip. We were privileged to see many of the awards and memorabilia that Al had earned during his lifetime. Ethel presented a new book entitled "Inventing Modern America, from the Microwave to the Mouse" recognizing Al as one of 35 "modern" inventors. The book, written by David E. Brown, is available at Barnes and Noble bookstores.



President Tom Worthy W7YW congratulates Bob Cossman W7MBB on his 55-year Award.



Vice President Ralph Barr W0DNO accepting book from Ethel Gross.

Our VP Ralph Barr W0DNO accepted the book on behalf of the chapter.

After the program door prizes were drawn and Tom closed the meeting at approximately 2:00 PM.

Gerry Higgins W7ES - Secretary/Treasurer

ANDY PFLUG receives His 70 Year Certificate

Andy first became interested in radio in 1928 while he was in high school. His first project was to build a crystal set. With this crystal set, he could hear several local stations! After that, a friend of his sold him some radio parts and he started building some simple radios with information he gained from QST. As he became

more proficient in building radios, he purchased parts from the local SS Kresge 250 - \$1.00 store which at that time, sold radio parts. Most of these parts were from a small company in Chicago, the Pilot Radio Co. He built his first short wave radio called a "Wasp". Later, as he gained experience, he bought a 4-tube, Pilot "Super-Wasp" radio-with 10-plug-in coils (5 bands)-from his local high school radio club.



Tom Worthy W7YW, Chapter 16 President giving Andy Pflug W5VTA his 70-year award.

In 1932, he took his exam for a temporary amateur radio license from W9GFS. Soon after, he took his exam from radio inspector at the local post office, receiving station license W9LDY and operator (general) license. Later, he bought a Gross transmitter chassis, which used 47, 46 and a pair of 46 tubes in the parallel output stage.

In 1933, he went to the Chicago's world fair where he had the opportunity to operate W9HJO, which was set up for visiting amateurs to operate. Andy had another notable experience. In 1938, he saw Ted McElroy demonstrate his ability to copy Morse code at 70 wpm on a mill at the Chicago National Amateur Hamfest.

Andy attended Purdue University and Dodge Radio and Telegraph (Valparaiso Tech), where he completed their courses in Radio and Telegraph. While at Dodge Radio and Telegraph, he also demonstrated code and sent code practice to other classes. He received his 1st class radiotelephone and 2nd class radiotelegraph licenses in Chicago.

He also taught radio trainees from Ft. Knox code and operating procedures. When the war broke out, Andy joined army and was sent to Ft. Sill, where he taught code and radio repair through the end of war.

After the war, he joined U.S. Steel Corp. in Gary, Indiana. As an electronic technician, he built inter-com and TV systems, installed carrier-current radios and controls as well as installed 2-way radios for plant protection and the garage truck fleet. Andy worked for U.S. Steel 30 years.

In 1986, Andy's wife became ill and they moved to Texas to be with their daughter. At that point, he traded

his W9LDY call for his current call, W5VTA. While in Texas, he was a member of the El Paso Amateur Radio Club and El Paso Chapter 64, QCWA. Before moving to Arizona Andy was a member of the Roadrunner Chapter 94 in Albuquerque, New Mexico. Our thanks to Irving "Mac" McLane, N5KVX for helping us locate Andy.

Andy is living in Scottsdale, AZ and now is a member of QCWA Chapter 16, where he recently received his 70 Year Certificate.

Chapter 21, Canton, Ohio

The regular quarterly meeting of QCWA, Chapter 21, Canton, Ohio, was held February 16, 2002, at the luncheon meeting at the Hometown Buffet, Canton, Ohio. A brief business meeting followed the lunch. There were 20 members and guests present.

Attention was called to these communications:

1. An acknowledgement for the donation to the QCWA Memorial Scholarship Fund in memory of Larry Schmader K8RMY was received.

2. FAR Scholarships are available and applications must be made by April 30, 2002. QCWA will have five \$1,500 and eleven \$1,000 scholarships.

3. The 2002 QCWA convention will be hosted by Orlando Citrus Chapter 45, October 25-27.

4. A meeting of the Stark County area of radio clubs will be March 27 at Stark State College.

5. The ARRL is vigorously opposing a move by the FCC to allow RFIDs in the 425 to 435 MHz band.

Vice president Perry Ballinger W8AU presented the Century Club certificate to Denny Frey K8NIB.

Our resident DXer, Mel Vye W8MV, will be operating from China the last week of March on the 12-17-30 meter bands as BP9GE. XYL Martha will be with him.

Phil Gizzi W8IIV described the Akron-Canton Airport Aviation Park project which will be located near the terminal building.

Door prizes were awarded.

David Glass W8UKQ, Secretary

Chapter 25, Nebraska

February 3rd was Bob Rudd's, WØEUT 93rd birthday. On January 26, 2002 Bob was presented with his 75-year QCWA plaque. He was also presented an Honorary Life Membership in QCWA. Bob Atwood WØRWA, Don Perazzo WØYQY, Jim Leedham WBØBIK, and Dick Newsome WØHXL made the presentations at Bob's home. WØEUT is the most senior active QCWA member in the state of Nebraska. Congratulations Bob!!! Photos of WØEUT's awards are attached.

Four of our members have become Silent Keys since the last newsletter was published. Doc Emerson WØLPF, November 2001, John McKinney WØAP, November 2001, Elmer Hatch WØKLB, December 2001, and Al McMillan WØJJK, January 2002. We will certainly miss these fine gentlemen.

Chapter 25's annual meeting will be held in Omaha this summer. I am looking for a location at this time. It will probably be July or August. Everyone will be notified of the time, date and location.

Chapter Reports

As some of you know, I am President of the Ak-Sar-Ben Amateur Radio Club and we are having a joint radio clubs picnic on Saturday May 25, 2002 at Mahoney State Park. All area clubs are invited and I have been attending several club meetings inviting area hams and QCWA members to this event. There will be a \$2.00 per person charge to cover: hamburgers, all-beef hot dogs, buns, ketchup, mustard, charcoal, and lighter fluid. Please bring a covered dish. The picnic starts at 11:00 AM to 6:00 PM. We will have an ICOM 746 HF transceiver on the air for this event. I am in the process of gaining permission to use the Strategic Air Command Memorial Station call KØAIR for this event. Mark your calendars for Saturday May 25th, and please support this amateur radio event.

Don Perazzo WØYQY, is recovering quickly from a mild stroke in January. Don, you gave us a real scare, take care of yourself!

The QCWA luncheons on the fourth Thursday of each month in Omaha just keep getting better and better. The location is the Old Country Buffet, 76th and Dodge at 11 AM. The attendance is between 30 to 40 people. Thank you Milt and Dorothy WØFKG, for making all those phone calls.

Please remember to check in to the Tuesday night QCWA 2-meter net at 7 PM on the 145.45 repeater. The Saturday morning HF net is at 0830 on 3.982 MHz.

Dick WØHXL - Secretary

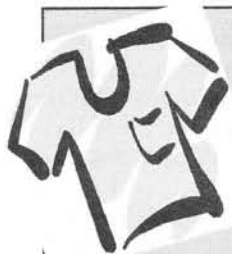
Chapter 38, San Antonio

Here are the Chapter 38 reports for January & February 2002 meetings: We meet regularly on the fourth Saturday of each month at a local restaurant. Each Sunday evening we meet on the air as noted elsewhere in this Journal. At the January 26th meeting, Derwin King W5LUU, made a presentation to the two dozen members present. Derwin's was a rerun of that made on board the Holland American Westerdam during QCWA's Cruise Convention in November 2001. He described his moon bounce contacts with hams at the large Radio Telescope antenna at Arecibo, Puerto Rico. The giant dish at Arecibo, about 70 miles west of San Juan, provided enough gain to overcome the limitations of the receiving equipment at 2 meters and 70 cm in the 1960s. He also showed how he and other local ham friends constructed and aimed a curved reflector antenna for his early moon bounce work. At our February 23rd meeting, Embert (Bert) Walker KØJIH, described some of the "fun and games" involved in the installation, maintenance and operation of Minuteman missile sites in



Jim Wright K5CDT (l) receives hearty thanks along with his QCWA Meritorious Award from Chapter 38 President, Bill Mintor AA5HI.

the northern USA. This included the effects of bitter cold winter blizzards on both the equipment and personnel, of which he was one. Bert kept his audience fascinated with anecdotes and true tales of how some of the difficulties were overcome. Several among his listeners had similar experience in the military, and were able to add other interest to what Bert related. Also at the February meeting, Chapter 38 presented the QCWA Meritorious Award to James W. (Jim) Wright K5CDT, our faithful Chapter 38 Secretary/Treasurer for many years. Jim's meeting notices and dues reminders are always on time and have served the chapter members well, (especially those of us who may experience an occasional "Senior Moment")! Thanks, Jim!



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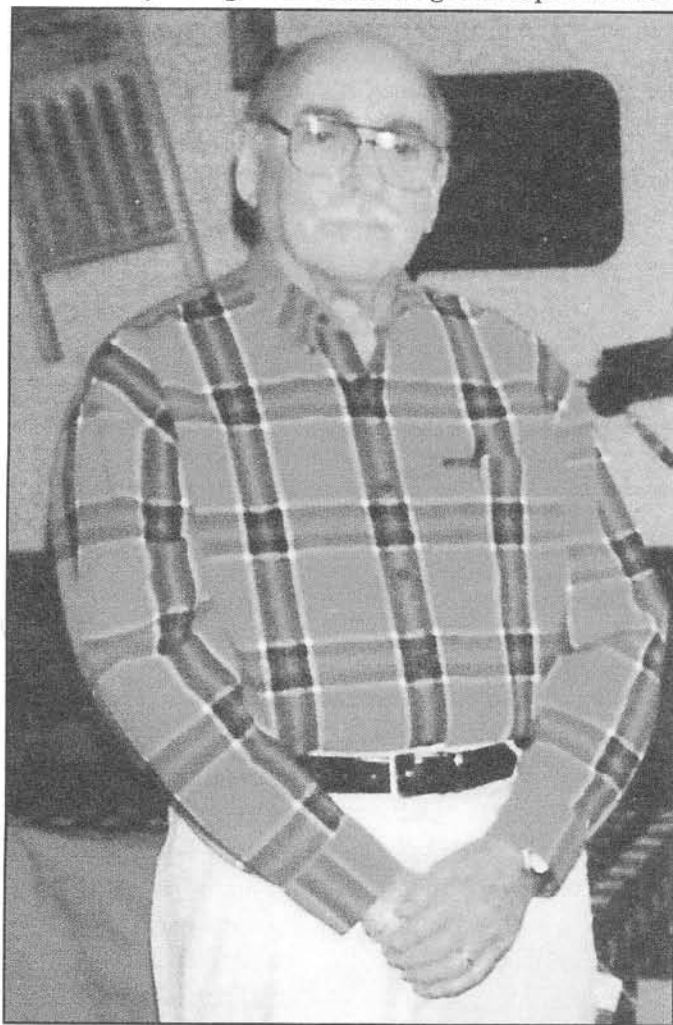
Membership is only \$20 per year in the US (\$25 elsewhere)

Write to:

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QCWA Chapter 38 met at 11:30am March 23, 2002 for the regular "4th Saturday each month" meeting at our usual meeting place in the Party Room of a local barbecue restaurant. Visitors are always welcome. The meeting was presided over by Treasurer/Secretary Jim Wright K5CDT, in the absence of President Bill Minton AA5HI, and Vice President Clay Laster W5ZPV. Clay's students were enjoying his computer lab session so much that they didn't want to leave and held Clay at the Community College. Bill was at his grand nephew's wed-



Bert Walker KØJIH open for questions after his presentation at Chapter 38 February meeting.

ding about 80 miles away in Austin.

18 hams, XYLs and visitors heard a very enlightening presentation by Larry Higgins MD, W5EX. Larry had recently returned from a meeting of the CACTUS Radio Club in California concerning the CACTUS Intertie of linked repeaters. This intertie extends from Texas to California. With his handheld 2-meter transceiver, Larry was able to bring up, selectively, repeaters from one end of the intertie to the other across this great distance. Of special interest were slides showing QCWA members, some of whom are now SK, installing repeaters and antennas at several of the mountaintop sites.

Willard C. ("Bill") Minton. AA5HI - Presiden & Gus Gikas W5HRF

Chapter 39, Akron

The meeting of January 17, 2002 was: held at Waterloo Restaurant at noon. There were 9 members and 7 guests present.

After lunch Bill Hessler W8DXT called attention to some documents displayed for review, including other chapters' newsletters, an obituary clipping for Joe Conn K8ZPF with some correspondence for the memorial gift to the QCWA Scholarship Fund, correspondence related to the FAR scholarships for which applications must be postmarked by April 30, and an updated list of chapters.

After a short intermission, we reconvened with the usual introductions all around.

We observed a moment of silence in honor of Joe Conn.

Next, Bill gave a treasurer's report that showed cash balances of \$306.65 in the bank and \$4.22 in petty cash.

In the nature of absentee news, he mentioned: Walt Strawman WA8PVS was on a trip to Florida. Byron McCandless N8MC was on a trip to Hawaii & Tahiti.

For a program, Gene Cooke W8XL followed the suggestion of Art Kunst W3WM, by telling of his years in amateur radio. It was very interesting and evoked some comments from others at the meeting. When he lived in Norton he used a telephone pole as an antenna support. He remembers the change from dynamotors to solid state power supplies for mobile operation. He mentioned a few of the old timers including Del Labo W8SJC, George Kincade W8IQT, and Lou Laurich W8SNF. He told of working for Goodyear Aircraft at Phoenix, AZ. He lived in a condo where antennas were prohibited, but he did get on the air by using a very fine wire antenna (22 or 24) with a painted coax hidden behind a downspout. Another problem at that location was getting a good ground in the sandy soil. He has used a variety of modes including slow scan TV, single sideband, FM, and PSK31.

He has done public service radio communications for the Multiple Sclerosis walkathon and Barberton parade. He has a 35 wpm code proficiency certificate and can copy 50 wpm in his head.

He now works 2 meter FM, as well as SSB and high speed CW on the low bands. He attends 'over 20 hamfests each year, including Dayton. He has tried most of the antennas in the handbook.

He started using home computers with a Commodore. He cited the joy of operating and meeting many new friends as the upside of ham radio. On the other hand, the downside is that so many of those friends are now Silent Keys. Also time and money spent on it can negatively affect marriage and family. Her stuff is OK but his is junk!

The Kitty collection amounted to \$8.00.

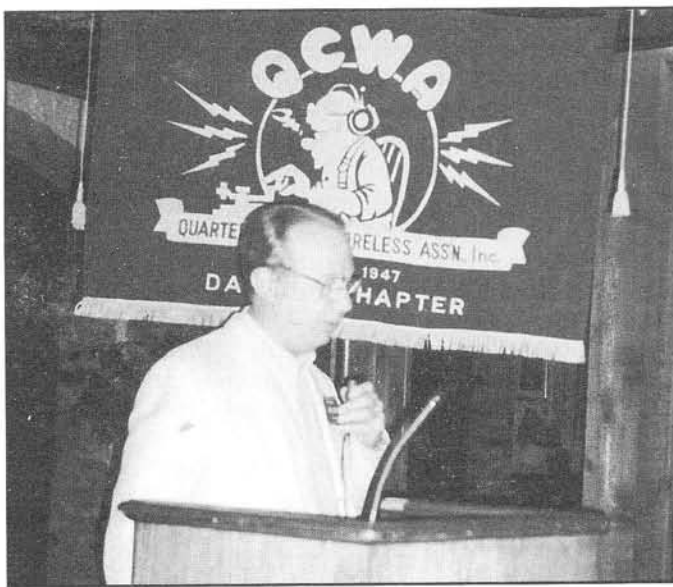
Bill Hessler W8DXT - Secretary

Chapter Reports

Chapter 41, Dallas



Century and Gold Certificates were recently awarded to the following Chapter 41 members (from left to right): Jordan Jones W5CF, Century; Charles Shaffer W5ADH, Gold 50 yr; Jack Dye W5LUE, Gold 55 yr; Charles Peale W5MW, Gold 65 yr; Jerry Stover W5AE, Century; Jack McElwain W5SVZ, Gold 50 yr; Jerry Murray W5KUP, Century and Gold 55 yr; Earl Granbery W5YYC, Gold 50 yr; Bill Mueller W5VSD, Gold 50 yr; Jack Floyd W5DXR, Century and Gold 65 yr; Richard Bauer K5RB, Century; Donald Retzlaff W5MIY, Gold 55 yr; Bert Wells W5JNK, Century and Gold 65 yr. Not pictured: Cecil Cammack W5RRM, Century and Gold 50 yr; Bill Courtney W0ST, Gold 65 yr; Wilbur Crumbaker W5DW, Century; Robert Kellow W5LT, Gold 50 yr; John Kennedy W5DJ, Century and Gold 60 yr; Harry Meyers, Jr., K5VPH, Century and Gold 50 yr; Barney Moffatt W5CJZ, Gold 60 yr; Kenneth Norvell W5KN, Century and Gold 55 yr; Jim Rhodes W5TQC, Gold 50 yr; Ryan Seals W5NYE, Century and Gold 50 yr; Lin Wetterrau, Jr., W5BLC, Gold 50 yr.



Jim Haynie W5JBP, President of ARRL, provided a recent meeting of the Dallas chapter with an overview of amateur radio affairs. (Jim is a resident of Dallas and longtime chapter member.)

Chapter 45, Citrus

At the February meeting the Chapter presented certificates to three members honoring their years of service to Amateur Radio. A 70-year certificate was presented to George Jeck, Jr. W2IOE. George was first licensed in 1932, joining QCWA in 1963. He has served the Chapter in the past as an officer. With his XYL, dancing partner, Rose, he enjoyed the 2001 Convention Cruise. Norman Gertz K1AA, was presented with a 65-year certificate. Norm was first licensed in 1937 as WIKYK and joined QCWA in 1974. He is, at the present time working hard as Publicity Chairman on the 2002 Convention Chapter 45 will be hosting in October. An example of his work can be seen by logging onto the QCWA website and clicking on "Orlando 2002". We also honored Harry Yust W3GU, with a 65-year certificate. Harry was first licensed in 1937 as W3GHM. He joined QCWA in 1999. The Chapter presented him with a 60-year certificate in 2000.



QCWA Chapter 45 President Al LaPeter W2IL, presenting Harry Yust W3GU with his 65-year certificate.

It is with regret we have to announce that Virgil Johannes K2GTV became a Silent Key January 1, 2002. Virgil was licensed in 1954 and joined QCWA and Citrus Chapter in 2002. He was an active member of the Chapter and other local radio clubs. He was survived a week by his XYL Rachelina.

Chapter 45 has agreed to host the 2002 QCWA Convention and we are learning the ins and outs of conducting a Convention, particularly one with a very short lead-time. Usually the host Chapter has a couple of years to get all the loose ends together, but we got talked into it last fall after the Convention Cruise. The particulars can be seen by going to the QCWA Home Page and clicking



QCWA Chapter 45 President Al LaPeter W2IL, presenting Norman Gertz KIAA with his 65-year certificate.



QCWA Chapter 45 President Al LaPeter W2IL, presenting George Jeck, Jr. with his 70-year certificate.

on "Orlando 2002" This website has information as to the where and when, and a registration form that can be sent in to become a part to the 2002 QCWA Convention. Anyone that does not have computer access to the Internet will find a registration form elsewhere in this issue of the Journal.

Chapter 45 holds a luncheon meeting the third Wednesday of every month at the Piccadilly Cafeteria, 1840 East Colonial Drive in Orlando Florida. Members usually begin to gather at about 1130 hours for lunch and fellowship. The business meeting begins at 1230 hours. Any ham in the area is welcome to join us. The Chapter operates an open repeater on 147.195 MHz with a scheduled net at 1930 hours local time Tuesday evenings. If you are in the Orlando area, drop in.

Paul Turner WIDLP - Secretary

Chapter 49, Peach State

The March 2nd meeting at Ryan's Steak House in Norcross, GA was called to order by President Mike K4HBI. There were 11 members, 3 friends, one spouse and our guest speaker present as we introduced ourselves round-robin style. The previous meetings minutes were approved as published. Mike reported about the good time we all had at the Dalton hamfest the weekend before where many 49ers were spotted after the long winter hamfest layoff: AB4HR, K4HBI, AF4FO, K4SZ, W4ALJ, W4NZJ, AB0KF, K4WJB, W4RU, K4HCA, K4KAZ, W4TL and AE4GQ. If we missed anyone, you must have been hiding and we apologize if we didn't see you. Congratulations to Terry W4TL on being named ARES Amateur of the Year. The award was presented at Dalton. The Chapter meeting schedule for 2002 is June 15, Sept 14 and Dec 7. Mike reminded us about the June 15 picnic meeting at the home of Mary W4NZJ and Bill AB0KF in Snellville. Think about bringing food to help out and items for the swapfest.



Chapter 49 officers for 2002-3: VP Jerry Lofstead W3CDE, Sec/Treasurer Nancy Draheim NK4U and President Mike Swiderski K4HBI.



Nancy NK4U and Bob K4SZ working hard on the Secretary/Treasurer transition.

Chapter Reports

Chapter 51, Tex-La Golden

Our January and February meetings were held at Dorothy's Front Porch Seafood Restaurant with 21 and 36 members and guests present. At the February meeting Arthur P. Kay - W5APX received an award from QCWA honoring his 75 years of service to amateur radio. On receiving it, Art said that he hoped to be getting another one in 25 years with all of the same people there to see it. As usual our meeting for March was held at Tuffy's Restaurant during the Orange, Texas Hamfest. It was an informal get together of a dozen of the hams who had attended the hamfest.

Dub George W5DUB - Bulletin Editor

Chapter 53, Suncoast

There were 23 members and guests present at our January meeting, enjoying the opportunity to chat and dine together prior to our business meeting, following which Bill Schlapfer-KA2HEA, provided an informative and entertaining program on a potpourri of topics, ranging from basic communications to homebrew VHF and UHF antennas. During January, Chapter 53 unfurled the QCWA banner at the Sarasota Hamfest and the DeSoto ARC Hamfest.

We were honored by the presence of QCWA Gary Harrison-KØBC and his wife Carolyn at our February meeting. Gary offered a brief overview of recent QCWA activities, including the availability of certificates for those who operated from, and those who contacted, the QCWA Convention Cruise station W2MM. QCWA Vice President Croft Taylor-VE3CT enlightened us about the QCWA presence at the Tropical Hamboree held the previous weekend in Miami. The 33 members and guests then thoroughly enjoyed a digital slide presentation by Hans Napfel-WA2ZZB, showing his January cruise to Antarctica.

During our March business meeting, the 24 members learned of the passing of Chapter 53 members John Michel-K2JM and John Karban-W3IGC. Gifts to the Scholarship Fund were authorized in memory of those members. Our program was a "show and tell" opportunity for members to display and talk about personal radio items, ranging from old log books and unique QSL cards to unusual vintage tubes and antique radios.

Suncoast Chapter 53 has a luncheon meeting the first Thursday of every month-October through May-at Denny's, 3701 Bee Ridge Road, Sarasota, FL. From June through September, join us for lunch on the same dates at the Marco Polo Oriental Buffet, Bird Bay Plaza, 549 US Hwy Bypass, Venice, FL. All QCWA members in the area are always welcome!

Jack Sproat W4JS - President

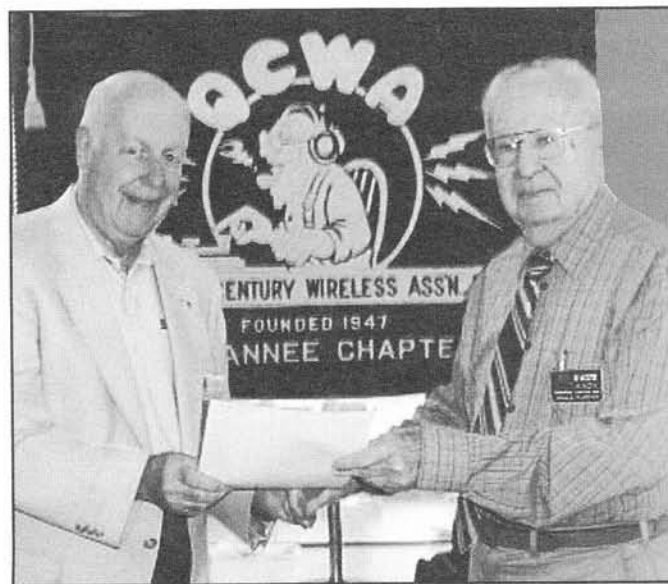
Chapter 62, Suwannee

Amateur Radio Operators celebrate over 500 years of service

Nine Ocala area amateur radio operators celebrated a total of 530 years of service, when members of the Quarter Century Wireless Association met at Ryan's Steak House, on February 28. The Quarter Century Wire-

less Association is an International organization of amateur radio operators who have at least 25 years (hence Quarter Century) of service as an amateur radio operator. In recognition of its more senior members, QCWA gives awards to the hams who have attained 70, 65, 60, or 50 years of service.

Nine hams in the Ocala Chapter of QCWA have reached that milestone. Those recognized include: W4ANN Rollo Medler - 70 years, K4KE Dave Stocky - 65 years, K2SN Aden Jim Keele - 65 years, W4OZR Arthur B. & "Andy"; Anderson - 60 years, K4IGI Alton R. McMullen - 60 years, W4KWS John P. Sjolund - 60 years, W1RFE Joseph Ray Chartier - 50 years, W4EBA Byron W. Engen - 50 years and AG3S Robert K. Saulpaugh - 50 years. Presenting the awards was Croft Taylor VE3CT, of Ottawa, Ontario, who serves the International organization as Vice President. Also participating in the event was National Director, Art Kunst W3WM, and local chapter President, Ken Simpson W8EK. Congratulations to these 9 area hams on 530 years of service!



Chapter 62, in Ocala, FL, meets on the fourth Tuesday of each even numbered month (except December when it is the second Thursday), at Ryan's Steak House, on East Silver Springs Blvd., in Ocala, FL. All QCWA members are invited to attend. E-mail to W8EK@arrl.net for directions. We hope to see you soon!

Ken Simpson W8EK

Chapter 64, El Paso

El Paso Chapter 64 meets each month on the 3rd Saturday for noon luncheon at Buck's BarBQ, Dyer and Sanders Streets. Guests are always welcome. We were honored at our January meeting to have Owen Lehr W5VYB, rejoin our group. Welcome back, Owen.

In January, our club, co-sponsors for the Worked All EI Paso contest, was well represented at the awards banquet, which takes place the first weekend in November.

We also were well represented in the awards. Jack Scheiderer K5JHS won the QCWA plaque and second place in the contest; Bob Smith K5VRF worked the most

states. Jean Carlson KØZRD received the first place trophy, as well as the Ambassador's Award for being listed on the most certificate requests during the year. Two other members, Bob Carroll K5IE and Earl Wood WA5YRP received the dubious, fun, "Worked All Turkey" awards. Our faithful member, Bill Rodgers who holds the most appropriate vanity call of K5WAE will be turning over the contest duties to someone else next year, after having so ably managed it for many, many years. Thanks so very much, Bill, for your great contributions



Dean Figgins WA7EPU, received his 50 year certificate from Chapter Secretary, Manny Gonzalez W2BFI.



Officers for 2002 —front row: Secretary - Manny Gonzalez W2BFI, President - Jean Carlson KØZRD, Vice President - C.W. Hiatt N5HRD. Back row: Directors: Frank Bennett K5YH, Bob Rogers K5HRI, Bob Smith K5VRF and Judy Scheiderer WB5HGL.

to ham radio.

Dean Figgins WA7EPU, Las Cruces, NM, received his 50 year certificate at the February meeting. Congratulations, Dean. We appreciate you and Dorothy WØSWK, faithfully attending our meetings.

Many of us helped our vice president, C.W. Hiatt, N5HRD, and Nadine, KA5ZLX, celebrate their 50th wedding anniversary. We wish them many more happy years together.

Jean Carlson KØZRD - President

Chapter 65, Niagara Frontier

The Chapter welcome four (4) new members:

Gary Sixt KB2AK of Machias was first licensed in 1976 as WN2HWI and then WA2HWI. He was first interested in amateur radio at age 10 as a SWL. Gary has a neat QSL card showing deer grazing in his rural back yard.

Robert Schaumleffel WA2IKS of Olean. He is an Army veteran. He was employed in Guidance (Electronics) at the Diamond Ordinance Fuse Labs. Bob retired from Acme Electric in Cuba, NY. He is an avid historical radio collector and has a large museum housing pre-World War I up through World War II gear. Bob is a long-time member of Antique Wireless Association.

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Chapter 65 held its Christmas party on December 8, 2001. Clockwise from left is Hank Kuhn W2IRU, Norm James W2VEX, Bill Hope W2EWT, Margaret Kuhn, Joan James and Kathy Rybacki.

Jeffrey Koval W2FJY of North Tonawanda, was first licensed in 1976 as WB2FJY. Jeff is operational on 70 cm and 2 meters thru 40 meters.

Stephan Heider WØLUB of Buffalo was first licensed as WØLUB in 1952 at age 12 and still holds that call. Steve was raised in Lawrence, Kansas. He has 2 meter capabilities. He and his wife Arvela are busy as consultants. Steve has a large collection of 35mm slides on Technical Museums throughout the world.

Mark your calendars for July 20, our Chapter 65 picnic. Details forth-coming.

Our thanks to Tom W2QI and Larry WA2ARA for manning the QCWA table at the Lancaster Winter Hamfest on 24 Feb.

Kenneth R. Palmer K2FJ - Secretary

Chapter 70, Ottawa

At our first meeting of 2002 we had 45 members and guests in attendance for our dinner at the Green Valley Restaurant. Gerry King VE3GK our president welcomed all and in particular the two new members to our executive.

Many amateurs have designed their own web page. Gerry King VE3GK, our president, has one that is unor-



Gerry King VE3GK - President and Webmaster

thodox and different. There is a web site that has a contest to compare web sites. Gerry came in second; i.e. second last out of 275. But Gerry is not there for a nice web site but to provide information. His web site is about his many projects. Since July 1999 he has had 36,150 visitors, so lots of people are interested in his site. He has had over 1000 checkins to his guest book and people have written him from all over the world.

When he first started Gerry knew nothing about making a web site and many people are much better at making a web site than he is. Gerry gave an enjoyable and interesting description of how he makes "his" web site by showing how he sets up his pages by selecting pictures, arranging and sizing them, inserting titles using different fonts, print size, color and location on the page. His page has numerous articles he has written, audio clips, and a great many pictures. To see Gerry's web site go to <http://www.ve3gk.com>

Clare Fowler VE3NPC - Secretary

Chapter 76, Blue Ridge

Unlike many QCWA chapters, the Blue Ridge Chapter meets twice each month and we include a guest speaker at the first meeting. Spouses and guests are always invited, so we try for a mix of program both ham radio and general interest.

In March, we were favored to have our General Manager, W7LVN, with us and Jim presented our annual longevity awards. Receiving 50 Year certificates were Harold Johnson, W4ZCB; Lloyd Kidwell, W4LSK; and Alan Nielsen, K2GRO. K2GRO wasn't with us at this meeting preferring the warmer climes of Florida. Receiving a 55 Year certificate was Ed Cushing, W4GW and a 60 Year corticated was presented to Tom DeKay, W1ODC.



W4GW; W4ZCB; W4LSK; and W1ODC with their awards.

W7LVN was actually on his way to the Charlotte, NC Hamfest to make the first appearance by QCWA "National" at this event. We were fortunate to have a spot for our display immediately next to the ARRL QSL card-checkers and received lots of exposure. With several new members signed up as well as membership renewals all in a super-friendly atmosphere, the effort was declared a success! We will do it again next year!

As this is being written, we look forward to our March speaker and guest, Sheriff George Erwin. Under the

"Homeland Defense Initiative", he has had the foresight to recognize a need for emergency backup communications to law enforcement and is actively working with local ARES to that end.

Our guest and speaker in May will be Commander Ty Martin, USN (Ret). In addition to being a well-known speaker and author, Cdr Martin's last tour of active duty was as Captain of the USS Constitution.. "Old Ironsides", the oldest ship in the US Navy still commissioned and on active duty. It should be a memorable meeting.

We meet at Ryan's Steak House on the 1st and 3rd Wednesdays of each month except December. The meeting starts at Noon so the members gather earlier to eat and Rag Chew. All are welcome.....bring a guest.

Duke Knief - Secretary

Chapter 81, Long Island

Since our last report for the winter issue, we had our February meeting on the 20th. It was held in a restaurant, new for us, and was held at noon rather than in the evening, as usual. It is difficult to ascertain just who would come to noon meetings and not the evening meetings, or the reverse.. We believe though, that by and large the attendance would be about the same

The focus of the meeting centered around what outings to undertake in the spring or later. A number of places came to mind, such as Cradle of Aviation - Telephone Pioneers of America - Brookhaven National Laboratory - Vanderbilt Planetarium. All are local to Long Island. Trips further away would necessitate chartering a bus, which we ruled out.

The decision fell to the Telephone Pioneers of America, and our director Kate, AE2Z who is familiar with such events was selected, even though not present, to arrange for the many details to make the event a success. A luncheon in a nearby restaurant is planned either before or after the event

Herman Milatz W2TLC - Secretary

Chapter 82 Sailfish

QCWA Chapter 82 has had a nice winter season here in south Florida, with some well attended meetings, as the snowbird amateurs flocked down for the winter.. We had a good response to a drive to try to get new members.. Hopefully we will get some more interest in QCWA.

With that in mind the chapter once again had a QCWA table at the Stuart Hamfest on Saturday March 16. It was manned by Bill Bergan NU4X former Secretary/Treasurer of Chapter 82. Bill Klinke KA4MWG, Ray Sipprell W4OBY, Don Lovett K8BXT President, and Norm Dias W1UHY Secretary/Treasurer. It was a nice Hamfest put on by the Martin County Amateur Radio Association at the Martin County Fair Grounds in Stuart Florida. The weather cooperated by being a nice sunny day with a great turnout. While at the Hamfest Andy Anderson W8BIX got his belated Century Award presented to him. Now that Andy lives in Vero Beach he can't get to the Sailfish meetings as often as he would wish.



Manning the Sailfish Chapter 82 table at the Stuart Hamfest: L to r: Ray Sipprell W4OBY, Bill Klinke KA4MWG, Bill Bergan NU4X

It is with sadness that the Sailfish Chapter, QCWA, and Amateur Radio, has a loss of three silent keys in the past few months. Albert (Alby) Allen WB4NNC, Herman (Hank) Folkerts K4KO and John (Jack) Erickson AD4N. These active members will be missed by all Amateurs here in the Stuart Florida area.

An open invitation to all QCWA members, if you are in the Stuart Florida area on the third Friday of each month. Stop in to our informal Brunch meeting at the Flamingo Restaurant on Federal Highway at 11 AM.

Norm Dias W1UHY - Secretary/Treasurer

Chapter 89, Palmetto

Greetings from South Carolina Chapter 89, the Palmetto chapter. Our report this time starts off on a sad note as we have lost two of our most active members this month (January 2002). Both Joe Walker W4DNR and Bobby Ashley K4MFU became silent keys. Bobby was the anchor on our SSB net and Joe held up the CW net. Let's hope this trend goes away!

Our Quarterly meetings are held in Columbia, S.C. at the Hilltop restaurant just off exit 106 on I-26 north of the city. The next meeting will be Feb. 23, 2002 starting at 10:30 a.m. Y'all come.

Our nets are still going strong. The SSB net is Sat. morning at 8:45 on 3.930 and the CW net is Sunday afternoon at 5:00 p.m. on 3.695. Again all are welcome to join us. On January 26th we had a Memorial SSB net for Bobby Ashley K4MFU who was the driving force on the net. The following stations checked in W4YOS, W4IZD, K4BG, K4NK, KD4SFI, KC40KE, WB4MAR, KF4SQN and K4FNK.

Les Shattuck K4NK - President

Chapter Reports

Chapter 94, Albuquerque

Roadrunner Chapter #94 met at the Sirloin Stockade Restaurant 1st Quarter 2002. We began the new season celebrating the joy of fellowship with 16 members and guest present.

The luncheon tables were bussed, invocation given and opening statements began the business at hand. Old business included the minutes and treasurers report. Correction and additions made as required. No new business.



Pictured L-r: N5KVX Sect/Treas. making a Century Club Certificate presentation to Joe Knight W5PDY, ARRL Section Manager of New Mexico.



Pictured L-r: Joe Knight W5PDY, Vern Thackeray W5CSY 50 year, Frank Martin KC5KW 65 year, Loyt Lathrop W5YSK 65 year, and Irving McLane N5KVX, 55 year. Jack Sprague K4AK 60 year, unavailable.

With business out of the way, we launch right into our 1st quarter tradition, a banquet of Golden awards with one Century Club Certificate. There are many of our distinguished members that have celebrated these

honors. Here again is another occasion to add more frames to their ever-growing collection.

The Roadrunner Chapter #94 can be pleased to recognize all our distinguished members, past and present, who have contributed to the advancement of Amateur Radio thru the years. Congratulations!

Irving McLane N5KVX - Secretary/Treasurer

Chapter 100, East Georgia

Chapter 100, East Georgia Chapter, held its February meeting at a local Seafood Restaurant. There were 35 members and guests present. This set a new milestone in attendance for the chapter.



Left to right: Randy Watkins W4KL, Carroll Norton W4WTA and Alfred Schoenfelder K4FKJ

After orders for dinner were taken the President, Don Anderson K4PSW, opened the meeting. Prayer was given by Roy Robinson K4EDU. The president introduced new guests N4QD Lowell Hibbard, a member of the Palmetto Chapter in South Carolina and John Hizer KØZA, new to the Augusta Area. All others were requested to introduce themselves and their spouses.

The President then talked about the FAR Scholarship program and urged everyone who knew of an amateur going to college to seek a scholarship.

Then he read a Thank You card received for the Shelter For Abused Children for the many gifts presented them at the December meeting. They were surprised by the number of gifts the Chapter presented them.

Then the main part of the meeting commenced. The president presented a 50 Year Certificate and pin to Carroll (Ace) Norton W4WTA. Alfred (Dick) Schoenfelder K4FKJ, was presented with a 55 year Certificate. A Century Certificate was presented to Randy Watkins W4KL. A great round of applause followed for all.

Following the dinner there was time for fellowship and chitchat with each other. They were reminded of the next meeting in April.

Chapter 102, Dakota

Members have been busy during our winter season. Congratulations to Dan Richmond-WØNBX, who was recently accredited by the ARRL VEC as a Volunteer Examiner. Also Dan has been appointed as the Air Force MARS Region 3 Training Manager. Region 3 includes North and South Dakota, Nebraska, Kansas, Minnesota, Iowa, Missouri, Wisconsin and Illinois. Dan said the AF MARS is looking for additional stations to join the program, particularly in Eastern South Dakota.

John Griffith-NØMEA for the past several years has been the net control for the South Dakota Novice CW Net. On Sunday nights at 7:00 PM CT (0100Z), he is NCS on 3700 kHz. This net has been going on for many years and is still alive and well. It is a slow speed net and they never go over 15 wpm. Average speed is around 7 wpm. Every week they have anywhere from 10 to 21 checkins. John said join them and have some fun.

On February 16th Dan-WØNBX and Frank-NUØF were members of the VE exam team in Rapid City, SD. 19 Persons from Rapid City SD and surrounding area tested, that's quite a large number for this area.

The Dakota Chapter 102 special event operation, using the chapter's call WØDAK went well. This event is held every year in February, this year to celebrate the 25th anniversary of the chapter. Participating operators and their stations were: Dave Dekker-KØERM in Mobridge, SD; Gary Moore-WAØZWZ in Redfield, SD; Frank Shaw-NUØF in Rapid City, SD; Roland Cory-WØYMB in Mobridge, SD and Roger Kehm-KØROG in Sioux Falls, SD. Total number of contacts was 266. Roger-KØROG won the Chapter's Traveling Trophy for the most contacts. He get to keep it until next years special event. Frank-NUØF the QSL manager for the event said he has a box full of mail requesting certificates. The certificates have been printed and all the contact logs have been received, work has started on mailing them.

Who's Who in One O Two

Gary Peterson, KØCX. QCWA #30860 QTH Rapid City, South Dakota.

Gary said radio always fascinated him. When he was around ten, he bought an old Air Castle radio from his uncle. It had shortwave. Wow! he was hooked. He heard hams, among other things. At that time he didn't know any hams, or how to contact any. Gary did some building. A crystal set. A regen with a one volt tube. He found out about the ham club in Rapid City. His dad took me to a meeting and he joined the Black Hills ARC in late 1959. After attending a club sponsored novice class, he took his novice test, at age 13, in June 1960. His ticket came and he went on air in early August 1960 with a homebrew 6AG7/807 on 40 meters. Gary lived on that band as KNØCXK. upgraded to general in May 1961. He was pretty active on 40 CW throughout high school.

Roger Kehm, KØROG, Dakota Chapter 102 Vice-President

Chapter 106, German

The German Chapter is not in such a good situation as most chapters in North America. The Members are spread over the Federal Republik of Germany - that is more than a State of the USA. Even some of our member's homes are in surrounding countries like Austria, Switzerland, Belgium and Netherlands. This prevents us from meeting on a regular basis like first weekend of every month.

We are linked together by a Newsletter called CHAPTER # 106 AKTUELL, that is issued four times a year, and the two weekly CW and SSB nets of the Chapter. At big amateur events in Germany, such as HAM RADIO every June in Friedrichshafen and the DNAT every August in Bad Bentheim, there is always a meeting of the German Chapter so that Members can meet each other when they take part in that event.

Every May we hold our regular annual Meeting at varying places in Germany so that each member has the opportunity to participate when the meeting is held nearby. At the DNAT in 2002 (see the article over "The Golden Antenna of Bad Bentheim" in the Spring issue of the Journal), the 25th anniversary of the founding of our Chapter will be celebrated in Bad Bentheim. We like to invite members of the QCWA to that meeting. If You want more information please contact the secretary Werner Lembcke, DL1ZC - email dl1zc@darf.de. You can also find us with a booth at the HAM RADIO every year.

Werner Lembcke DL1ZC - Secretary

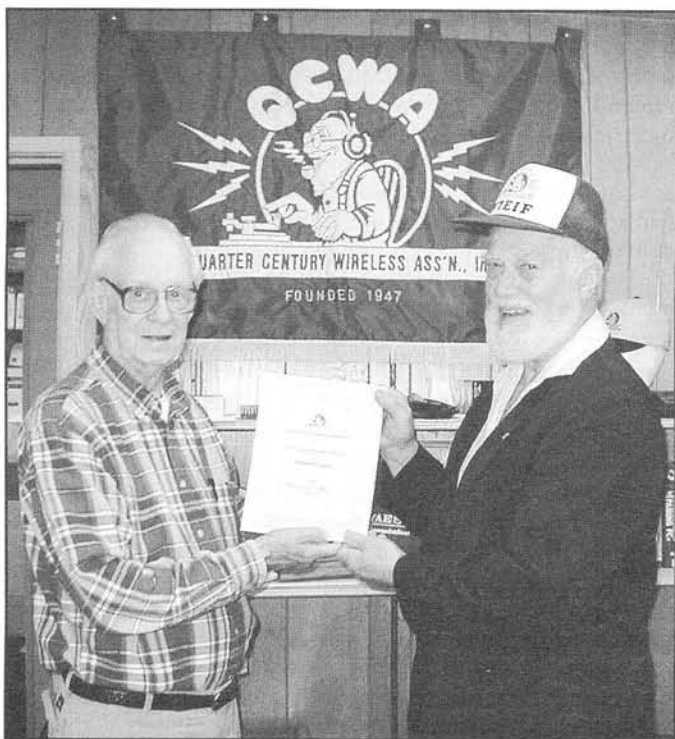
Chapter 108, Beaver State

January 19th, 2002 was a quarterly meeting of the Chapter with approximately 23 members in attendance. The minutes were approved, as mailed, and the members introduced their selves.

One of our members, Frank Buhman W7CVL, was presented a 75-year plaque and then fifty year certificates were presented to June Truax W7RAX and Chuck



L to r: Chuck Doty, W7RQQ; June Truax, W7RAX; receiving their 50 year certificates from President Gene Kelsey, N7EIF.



L to r, Jim Walsh, W7LVN receiving his 55 year certificate from President Gene Kelsey, N7EIF.

Doty W7RQQ, who practiced their radio CW and techniques together fifty years ago. Jim Walsh W7LVN, was presented with a 55 year certificate and William Vorisek W7LCD, was not able to attend and receive his 55 year certificate.



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Licensed ham today?**
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Awarding of these certificates is always a cherished moment in our history. Frank is such a gentleman at all times and sets a valuable statue for others to follow in amateur radio. The Chapter is preparing for their annual contribution to the Scholarship Fund in honor of all amateurs who are SKs.

Following the presentations Frank told us about his early days and the equipment they used to transmit back and forth.

Jim Walsh W7LVN - Secretary

Chapter 109, Baton Rouge

The Chapter held its quarterly meeting on Saturday March 2 at Poduan's Bar-B-Que on Florida Blvd. This meeting was to present our annual "Member of the Year" award. This year's honor went to Doug Harrison WB5BLE. Doug is one reason why our Chapter is growing. He checks into our weekly nets, attends all of our functions and recruits new members into QCWA and gets them into Chapter 109.



Doug Harrison WB5BLE (l) receives Chapter 109 Member of the Year Award from Wayne Gordon K5EDA, chapter president.

We meet every Sunday morning at 0830 hrs Local time on 3905 KHz. On Sunday nights we meet on 2 meters (146.19/79) at 2000 hrs local time.

We cordially invite any QCWA member to check in with us.

EI Charlton W5MD

Chapter 111, Palm Beach

Greetings from the Sunny Palm Beaches !!! Palm Beach Chapter 111 has had a busy winter season. At our January luncheon meeting, we had the pleasure of hosting an ARRL awards ceremony. Southern Florida Section SEC, Manny Papandreas W4SS & yours truly awarded 60 year ARRL membership plaques to Gene Sykes W4OO, Bert Green KB4OU & Dick Phelps N4RP. A good time was had by all.



Left to right: Manny W4SS, Jeff WA4AW and Dick N4RP.



Left to right: Croft VE3CT and Angelo W2TVE - President of Chapter 111.

At our February luncheon, we were honored by the presence of National QCWA President-elect Croft Taylor VE3CT & Treasurer, Jack Sproat W4JS. Croft updated our membership on the state of National QCWA as well as other topics of interest, such as the QCWA Convention at Kissimmee, Florida in October.

Palm Beach Chapter 111 meets on the last Tuesday, monthly, at Homer's Buffet on So. Dixie Hwy in West Palm Beach. If you find yourself in our area, please come visit with us. Talk-in on the 146.670 repeater. For more info on our Chapter, please contact me via e-mail at WA4AW@arrl.net.

Jeff Beals WA4AW - Secretary/Treasurer

Chapter 112, Yankee

Yankee Chapter held a "Post Valentine" meeting at the Yangtze River Restaurant on February 16th. Thirty members and guests attended this meeting representing three New England Chapters, Yankee, Pioneer, and Nutmeg. Meetings of this type are being held to encourage members from other chapters to become acquainted with one another. Our speakers were two Yankee Chapter members, Charles, W1DOH and Bob, W1HH, who were vacationing in the British Isles on September 11th. They told us of the reactions of the people around them and also brought several newspapers telling the story from non-US points of view. In general, reactions were sympathetic toward the US.

February also brought a 75-year award to one of our members, Les Kendall, W1ABE. Les started his interest in ham radio with a spark coil and a spark gap made from his mother's curtain rod, at the age of 12! Les went on to receive radio training from the Navy, and after leaving the Navy, went on to be the radio department manager of a local New Port, RI hardware store. He later opened a radio school for ham and commercial radio training, and during WWII, served aboard a US destroyer. March of this year will mark his 100th birthday! The photo shows (l to r) Yankee Chapter President, Fred Ravens, K1QLG, Les Kendall, W1ABE, and Chuck Walbridge, K1IGD, presenting Les with his award. Congratulations Les!

Chuck Walbridge K1IGD - Secretary/Treasurer

Chapter 120, QCWW

The annual meeting of the Quarter Century Wireless Women was held in the MS Westerdam. We did not have many Chapter members on the QCWA Convention Cruise, but those of us there had a ball.

We visited the ultimate QRP moon bounce antenna in Puerto Rico at the Arecibo site. We held elections and Joan Peters KA4DPW is the new Chapter President. We saw many old (or should I say long time) friends and made new ones. Nell and Hank got married since the last time we saw them. We successfully stayed ahead of the hurricane, and those with sea legs and strong stomachs got to eat even more...if that's possible. Five course dinners and meals around the clock are not good for a diet. We got to visit local KP2 hams on St Thomas and enjoy a few hours on a great white sand beach with them.

Thanks to Larry for the Silver Sparks Newsletter, and to Dot for all her work as President.

We were sorry to have several QCWA members injured in falls during the cruise. Falls on the pier, in a shower, etc., but age takes it's toll.

I need to hear from all members of Chapter 120 and I

Chapter Reports

need your Email and USPS addresses verified. It would be nice if we could have an online Newsletter. Send your Email address to the OM at k1er@lava.net so we can build an address book for the QCWW.

Joan KA4DPW

Chapter 122, Lake Erie Tri-State

Our L.E.T.S. Meet was held at Hoss's Steak and Sea House for the chapter Annual Meeting. Business issues were delayed while a moment of silence was observed in memory of two members who recently passed away unexpectedly.

Bert Van Houten W3TPW, co-founder of our chapter, died Oct. 12, 2001 in Queens, NY where he lived with his granddaughter, Jennie Nyulasi, after Olive, his wife died at their home in Florida on August 24, 2000. Bert and Olive were active in promoting membership and social events. Bert's death was attributed to pneumonia and although coincidental, the Anthrax scare with early symptoms of pneumonia, may be reason for speculation.

Also, member Andy Washy K2ISN died October 6, 2001. He was active in addressing the special needs of sight impaired hams. Andy was the first blind ham, at 10 years, to enter New Jersey public school. He became very skilled at repairing amateur gear.

QCWA Gold Certificates were awarded to members celebrating 50 years licensed. Those presented certificates were: Ivan Wilkinson W3RMF, Richard Quiggle W3UQG, Clarence Moser W3RLJ, John Guthrie W3GJ and Paul Gerbracht W3QPP. Not present was James Vieira W3PJP. These and others will soon qualify for the Century Club Certificate. In addition to operating awards, door prizes of non-amateur category were presented.

The newest member to join the QCWA and Chapter 122, Robert Platz KB3GYR, we hope to see Bob at future meetings.

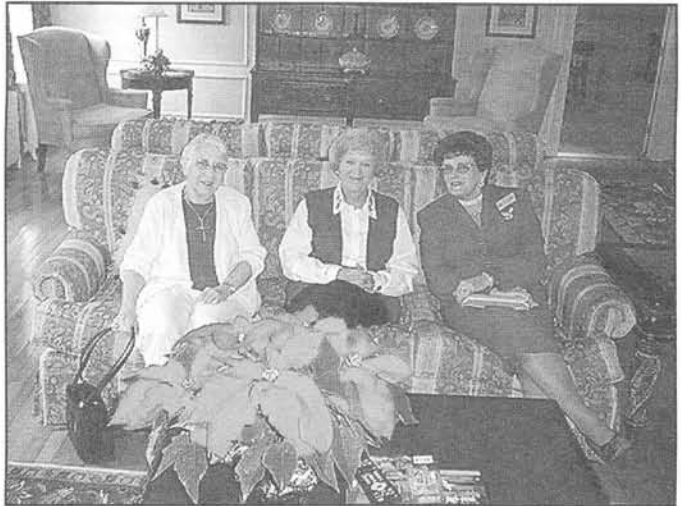
A unique QCWA roundtable began in the early eighties, inspired by John 'Mac' McQueen KL7AVX on 14347. Participants took part from many states and Canada, weekdays except Thursdays. Gradually the check-ins dwindled, mostly becoming among the SK list which included many local acquaintances. In recent times, Mac KL7AVX, reluctantly withdrew due to health problems leaving the following to carry on alone: Norm VE6NR, Sid W3MMJ, Paul W3QPP, Joe W3KKT and Ray W6HDA.

Ray died January 1, 2002, just two weeks before his 96th birthday. During WWII, he was a flight instructor at Pensacola FL. After the war he flew crop dusters and forest fire tankers. He also rebuilt classic aircraft and recently built his personal plane from scratch. His brother died last summer just before his 105th birthday. Incidentally, Ray's first pilot license was signed by Orville Wright on December 29, 1926. He is survived by his daughter, Carol and her husband Frank Hetzler, SM5XHO, in Sweden.

Paul Gerbracht W3QPP -Secretary/Treasurer

Chapter 126, Piedmont

Greetings from the Piedmont region of North Carolina, home to the 50 members of QCWA Chapter 126. Best wishes for the New Year to all of you from all of us.



Chapter 126 wives enjoy Christmas meeting.



Chapter President Joe A. Brown, Jr. W40NJ and meeting host.



Chapter President Joe A. Brown, Jr. W40NJ and wife.



Meeting host and speaker Keith McDaniels, an area Hospice Grief Councilor.



Chapter 126 officers Joe Brown, Gary Howell and Chuck Briggs.



Chapter 126 members enjoy the annual Christmas meeting.

Our 4th quarter (Christmas) meeting was held December 8, 2001 at the Mid-Pines Golf and Country Club in Southern Pines, North Carolina. An "executive quality" meal was enjoyed by all members, spouses and guests. An interesting program was presented by Keith McDaniels, an area Hospice Grief Councilor. He gave us an example of monumental volunteer spirit, skill, dedication and pride as 250 volunteers from a small town in Montana bought, relocated, refurbished to new quality and status, a dilapidated old carousel. It now operates daily to the joy of townspeople and their children.

Joe A. Brown, Jr. W40NJ - President

Chapter 134, Pine Tree

The December 1, 2001 meeting of the Pine Tree Chapter was held at the Ground Round Restaurant in Augusta, Maine. The weather cooperated and resulted in excellent traveling for December in Maine.

Following the luncheon the meeting was opened at 12:34 PM by President Bill Mann. Introductions were made. There were 26 members and guests in attendance. After the usual Chapter housekeeping chores, letters from Jim Walsh and Leland Smith and an e-mail from Director Harold Chase was read.

A brainstorm by W1KX resulted in a very interesting and entertaining session. Bill suggested that each member dig back in his or her memory and give their recollection of their first radio contact. The following members responded resulting in some interesting flashbacks: W1KX, W1VEH, N1RP, W1QU, W1GQU, K1TVT, W1TGY, W1SCM, W1WYX and W1JTH.

The March meeting location, date and time was discussed. The March meeting has been held at the ARRL Maine State Convention at the Ramada Conference Center in Lewiston, Maine for the past three years. It is an excellent place to get QCWA exposure. N1KAT will make arrangements for the meeting there again this year. The date is March 30, 2002, time, 11:00 AM. Check at the QCWA table at the hamfest for the room location.

The meeting closed at 1:24 PM Door prizes consisting of Pine Tree Chapter commemorative pens went to



WIKX presents "Past President" certificate to NIKAT

W1JX and WN1TXD. The 50/50 drawing \$21.00 went to K1TVT. Jean donated the entire sum to the Chapter.

Phil Young W1JTH - Secretary

Chapter 146, Twin State

Twelve Chapter members and guests attended our HOLIDAY PARTY MEETING on Dec. 1, 2001 at the CAT'N FIDDLE restaurant in Concord, NH. This was primarily a social meeting and it included exchange of wrapped gifts, resulting in a few surprises.

The President, Carl N1CB called a brief business meeting to conclude the year's activity. The Treasurer, WB2LJW reported a satisfactory financial condition for the Chapter.

We were honored to have as a guest our National Director, Chuck Walbridge (K1IGD) and his XYL.



Chuck Walbridge K1IGD, National Secretary and his XYL Jan.



WIDGC and XYL K2DGW with Doc W1US opening gifts.

Certificates for years of licensed activity were presented as follows:

70 - J. Gregg Stephenson WIDGC by Chuck Walbridge Nat. Secretary (K1IGD), 55 - William D. Bea1W1PNR (mailed), 55 - Robert Kelemen W1US by President N1CB and 50 - Edward Everett W1ALE by President N1CB.

Several photographs taken at this meeting by N1CB.

J. Gregg Stephenson WIDGC - Secretary

Chapter 149, Nutmeg

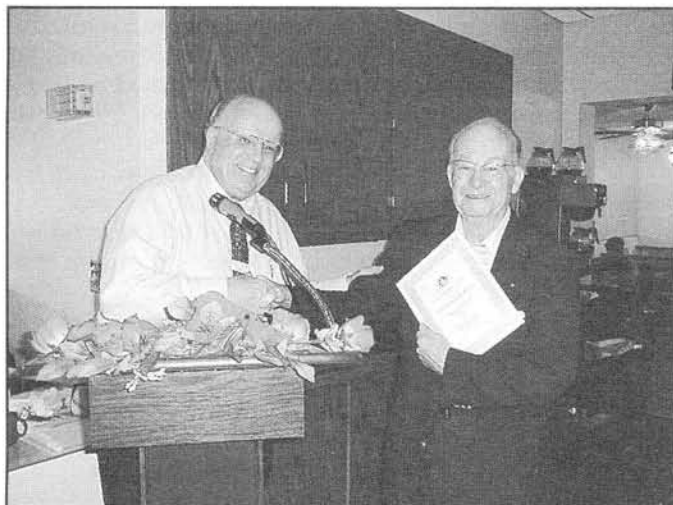
Nutmeg Chapter enjoyed an exceptionally nice luncheon meeting on Saturday, February 9, 2002, at the Paradise Restaurant on East Street in New Britain. Fifty six members and guests were present, for a choice of Veal Parmigiana, Stuffed Chicken Breast, Stuffed Scrod or Petite Prime Rib, which had been negotiated by our great Activities Manager, Cal Bennett, W1KHL. After lunch we heard an interesting and educational talk by Frank ("Joe") Raffaele, K1HZR, a microbiologist, who explained the hazards which exist in the general food supply, with or without the efforts of the international terrorists. Scary!

An annual feature of our February meeting is the



Chuck Walbridge K1IGD, National Secretary (r) presents 70-year Award to Gregg Stephenson WIDGC

distribution of Certificates of Appreciation to the senior citizens of the chapter who have been licensed for over fifty years. President Paul Taylor, K1AFI, made the following presentations : For 50 years: Arny Snow, W1VOV, and Jane Steele, W1UKL. For fifty-five years, Gene Dombrowik, W1QJL, Roy Hilt, K1JNR, Wayne Shaffer, W3QAN, and Ron Tidmarsh, K1UQV. And, for SEVENTY years, Harold Chase, W1EES, John Huntoon, W1RW and Edward Nowak, W1FAJ. Unfortunately not all of the candidates were able to be present. Certificates were mailed to the following: W1UKX, W1WRN, W1VNY and W1WKP, for fifty years; KA1TZR for 55 years; K1TUK and W1PMB for 65 years; and the following for 70 years W1EBO, W1FMU and W1ZM.



70 year certificate presented to Harold Chase W1EES, by President Paul Taylor K1AFI. .



Group picture. Left to right: Front row: Jane Steele W1UKL, John Huntoon W1RW, Harold Chase W1EES. Second row: Edward Nowak W1FAJ, Ron Tidmarsh K1UQV, Roy Hilt K1JNR, Gene Dombrowik W1QJL, Arnold Snow W1VOV, Wayne Shaffer W3QAN. . .

The meeting closed with a small raffle, in which W1QJL won a book on SWR's, W1VRP won a pocket multi-meter, K1JNR and W1DCM got Audubon Calendars, while KC1TX and W1IBS each received "an 807".

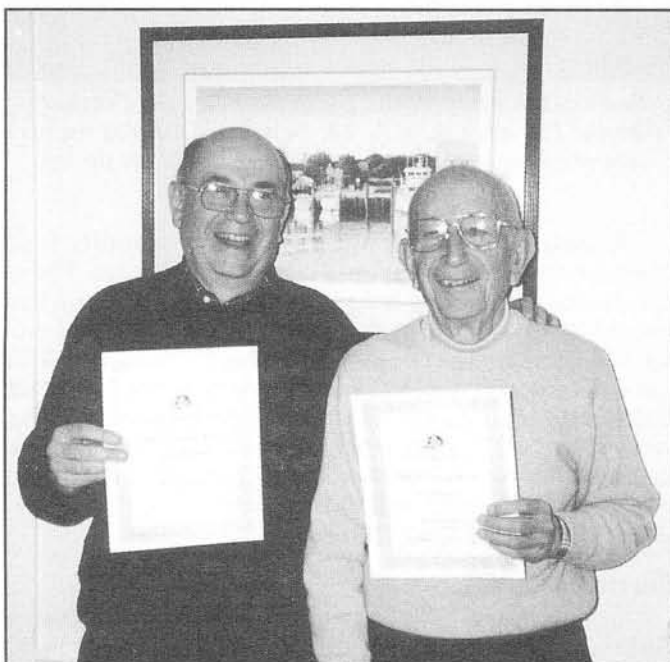
Don Steele W1NFG - Secretary

Chapter 150, Del-Mar-Va

The Chapter 150 quarterly business meeting was held in February at the Lamp Post Seafood Restaurant near Rehoboth Beach, Delaware. The meeting was presided over by our new president for 2002 who is Bill Kuning W3BY and Secretary/Treasurer John Willmuth NQ4Q. Our new vice president Frank Wessely KA3UUC was unable to attend due to other commitments. There were 10 members and 9 guests in attendance. There was a brief meeting covering various items including the approval for the annual donation to the QCWA Scholarship Fund. The food was excellent and everyone had a great time renewing old acquaintances. We also acquired a new chapter member, Peter Radding W2GJ who is the son of Earl Radding KD3IH one of our long time chapter members. Peter and his dad Earl both acquired their amateur licenses at the same time and both just received their 50 year QCWA certificates.



Left to right: Don Babyok K3LGC - 55 yrs., Ed Hill W3FEG - 65 yrs., Jack Salin W3FKT - 65 yrs., Tom Smith W3LOV - 65 yrs., Ray Riniker W3SWC - 50 yrs., Pete Radding W2GJ - 50 yrs., Earl Radding KD3IH - 50 yrs., & Bill Kuning W3BY - 65 yrs.



Left to right: Pete Radding W2GJ (son) and Earl Radding KD3IH (father).



Left to right: John Willmuth NQ4Q presenting 50 year QCWA Certificate to member Joe Cutchin W3ETT at his office last fall. Due to Joe's schedule he is usually unavailable to attend our meetings.



Some of the members and guests attending the February Chapter 150 meeting. Mike McClanahan W3RMM who is one of our new chapter members is seated in the far left corner of the picture.

Chapter 150 still continues to have monthly luncheons between the quarterly business meetings. These luncheons are usually held in Seaford, Delaware on the second Wednesday of each month. We also still have our QCWA Chapter 150 two meter Sunday morning net. The net meets at 9:00 AM local time Sundays on the 146.22/82 Salisbury, MD repeater and the PL is removed for the net. Bill W3BY is presently net control. For further information regarding Chapter 150 please contact me at <nq4q@juno.com.> or 410-208-1398.

John Willmuth NQ4Q - Secretary/Treasurer

Chapter 154, Leo Meyerson

On January 17th, our guest speaker was Derry Susman, KE6AMI who presented a talk on cardiology. Derry has been a cardiac nurse for more years than she will admit to, but she is one who really knows her way around the operating room when heart problems are involved. To add realism to her talk, Derry displayed many of the heart life-saving devices in use today.

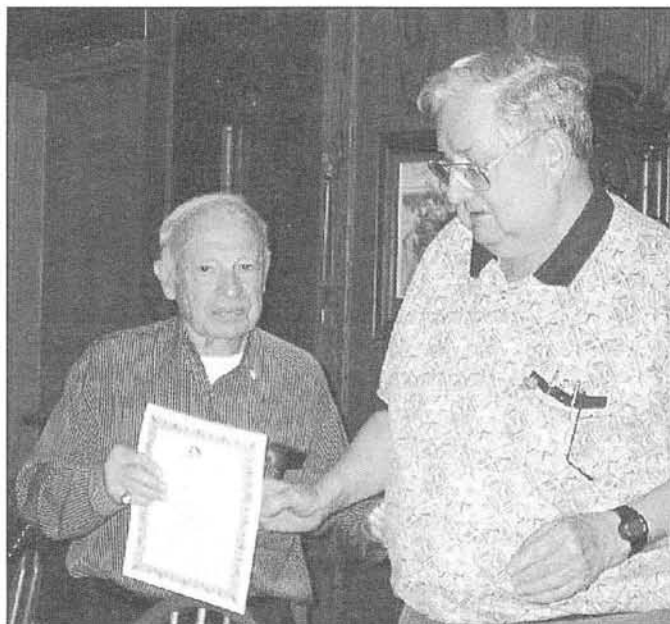
Since the month of April is Earthquake Awareness Month in the State of California, our next luncheon meeting on April 18th will feature the video "The Quake of '94". This is a very gripping recounting of the 6.7 Northridge earthquake on January 17, 1994 at 4:31 am. This is an actual record of what happened and is a collection of newsreel reports. This is a must see video, especially for those involved in emergency preparedness groups. See you at Marie Callendar's Restaurant, Rancho Mirage, 11:30am on the 18th.

Mr. Jerry Loeb was our guest speaker on February 21st. Jerry spelled out the problems involving all of us in the never ending war on drugs. He covered the money-making aspects of the drug trade in those countries that we supply foreign aid to, to the problems created by the dealers and users in our own country. Behind it all, the almighty dollar! He discussed the facts that inter-twined the drug trade with terrorism Narco-terrorism as Jerry called it presumably is behind the full-blown terrorism now plaguing us and the rest of the world.

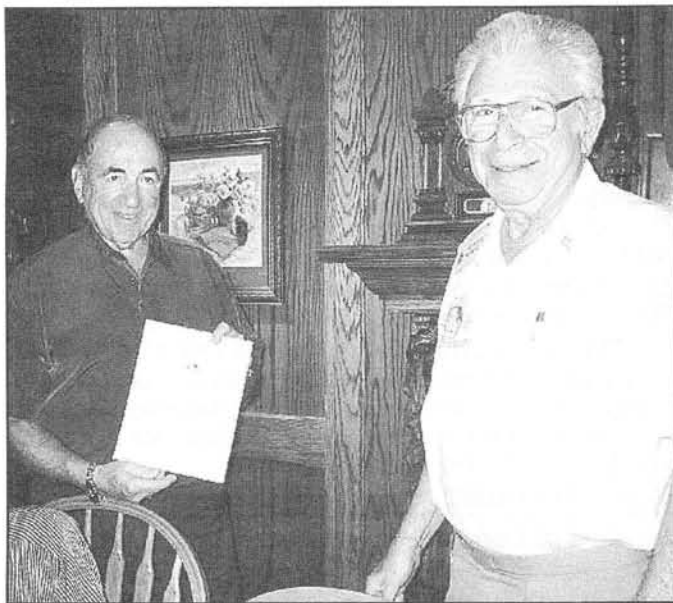
Mr. Loeb is an ex-Navy jet jockey and has been involved in many government agencies dealing with the world-wide drug problem. Much of his talk skirted restricted information, but what he presented was an eye-opener to all who heard him talk.

March 21st was a banner day in the history of Chapter 154. March 21st was "Leo Meyerson Day"! In lieu of our regular monthly luncheon speaker, the day was dedicated to honor our chapter's namesake. Leo, alert, chipper and hardly looking like a man of 91, received the accolades of nearly 50 members, friends and guests.

There was much reminiscing about the good old days of early radio and Leo's businesses and contributions to the industry. His founding of the QCWA Leo Meyerson Family Scholarship Program has provided college funds



Leo Meyerson W0GFQ, receives a certificate from Don Doughty W6EEN



Norm Friedman W6ORD, receives certificate from Chapt Pres George Underberger W6WAS for 50 years.



George Underberger W6WAS receives his 60 yr certificate from Don Doughty W6EEN.

to many deserving high school graduates. A lifetime member of QCWA, Leo served as a National Director from 1977 to 1987 and in 1991 was named QCWA Amateur Member of the Year.

Leo was presented with a Certificate of Recognition, for his multitude of activities and lifetime interest in ham radio. Chapter President, George Underberger, W6WAS was also presented with his 60th Anniversary Award, as was Norman Friedman, W6ORD presented with his 50th Anniversary Award.

To cap a most exhilarating luncheon meeting, a cake decorated with a photo copy of the Certificate presented to Leo was served. Finally, the handshakes and hugs as all his well-wishers bade their fond farewell of Leo
George M. Underberger W6WAS - President

Chapter 162, Southeastern Wisconsin

Our first social function of the New Year, held at the Dock's Restaurant, in Racine's Harbor on the western shores of Lake Michigan, was a celebration of Valentine's Day and the welcoming of spring to Southeastern Wisconsin. We dined, socialized and formalized Chapter plans for the balance of the year.

Fern Fisher W9LCJ suffered a fall breaking her wrist and had an extended stay in the hospital. After repairing her wrist, the staff discovered a back problem, the results of lifting a heavy item last fall, which also required surgery to correct. As of this writing, Fern is mending and we are hopeful that she will be able to join us socially in the very near future.

Our president, Lloyd Gorsiski WB9RGO and Herb Ladwig W9PHJ also experienced short stay in the hospital this year and I am happy to say both are back and active in our Ham community once again.

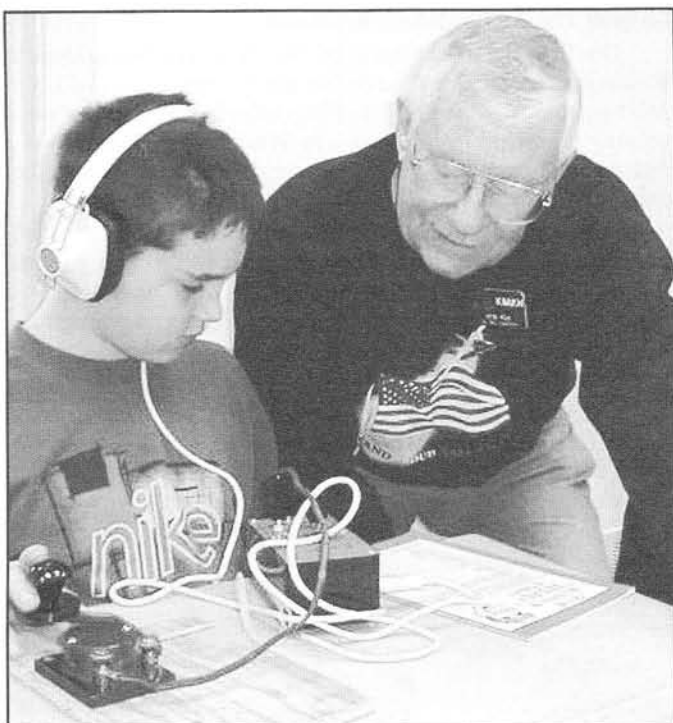
Our Chapter was invited to explain the wonderment of Amateur Radio to the third and fourth grade student at Red Apple Elementary School in Racine, WI during the school's



Red Apple Elementary teacher Darlene Beutel engaged in a two-meter QSO with Spencer Clope W9LDH hosting Control Operator duties during the School's Option Program.



Spencer Clope, W9LDH assisting a fourth grade Red Apple Elementary Student in communicating on a two-meter repeater.



A fourth grade student participating in his school's Amateur Radio Option's Program getting a little instruction from Ron Fox, K9AKH in the fine art of communicating using CW as the mode of delivery.

annual Option's Program. Armed with a two-meter self contained system, a box of code oscillators, and a stack of Archie Amateur Radio Comic Books, Spencer Clope W9LDH; Ron Fox K9AKG; and Larry McCalvy WA9JMO arrived for the one-hour full participation program with the young students and their teacher. Chapter members, Bob Jensen WØWLN; Herb Ladwig W9PHJ; and Al Algiers W9HR were on the other end of the two-meter contacts asking questions and providing comments in an attempt to assist the young folks in talking to the little black box in front of them. Spence worked the two-meter transceiver group and Ron setup the Code Oscillators, headsets and directed his group with the aid of ARRL's Archie Comic Books in the fine art of CW. With a little coaching, the class room teacher, Darlene Beutel participated in a few two-meter QSO and assisted in message sending as she helped her students transmit text via CW to their fellow classmates. A straw poll at the conclusion of the hour, by a margin of 7 to 2, had talking on the radio as the most enjoyable. Last year the opposite was true, the Code Oscillators won by a vote of 10 to 3, I believe. We all had a grand time.

Larry McCalvy WA9JMO

Chapter 169, Sacramento Valley

Chapter 169 is currently holding its monthly meetings at CARROWS restaurant located at 4601 Watt Avenue in North Highlands. The restaurant is located on the west side of Watt Avenue just north of the Interstate 80 Freeway. Meetings are held on the 2nd Wednesday of each month.

Unfortunately we lost two members this past quarter. Paul Mezzapelle W6MEZ, became a silent key on January 30, 2002. Paul was first licensed in 1960 and had been a chap-

ter member for several years. Bill Hendrick NS6D, became a silent key on February 6, 2002. Bill was first licensed in 1963 and had served as our chapter Secretary/Treasurer for several years.

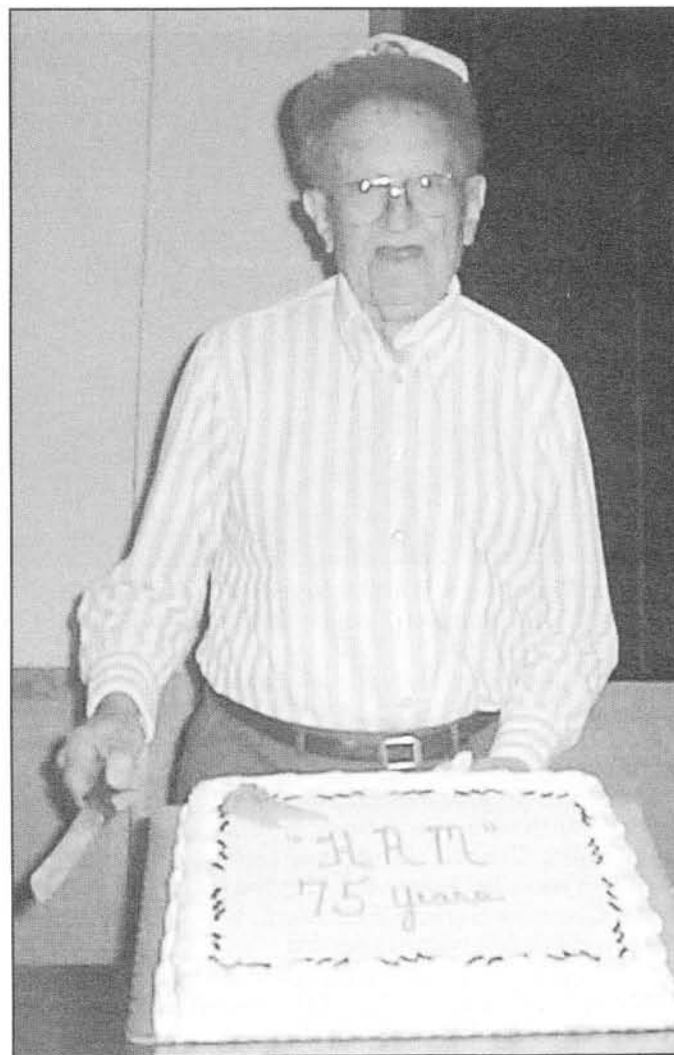
Our monthly meetings continue to touch several areas of interest. We have had talks about the US Post Office operation, Internet Radio Linking Program and trip to The Bahama Islands (C6A). We also had video presentations on NAFTA and the power of foreign corporations, C-Span 'In Depth' presentation, USSR nuclear preparedness and a DX-pedition to Clipperton Island, FOOAAA.

The group starts gathering around 7 am with a no host breakfast and a meeting starting around 8 am. YLs are always welcome. To confirm meeting date/location or to get additional information please contact our President Paul Wolfat (916) 489-8112.

Gary Stilwell KI6T - Secretary/Treasurer

Chapter 170, Central Washington

The January 13th meeting was held at a local restaurant with 20 members and guests present. Everyone enjoyed a fine meal.



Harold W7HW prepares to slice up his 75-year award cake.

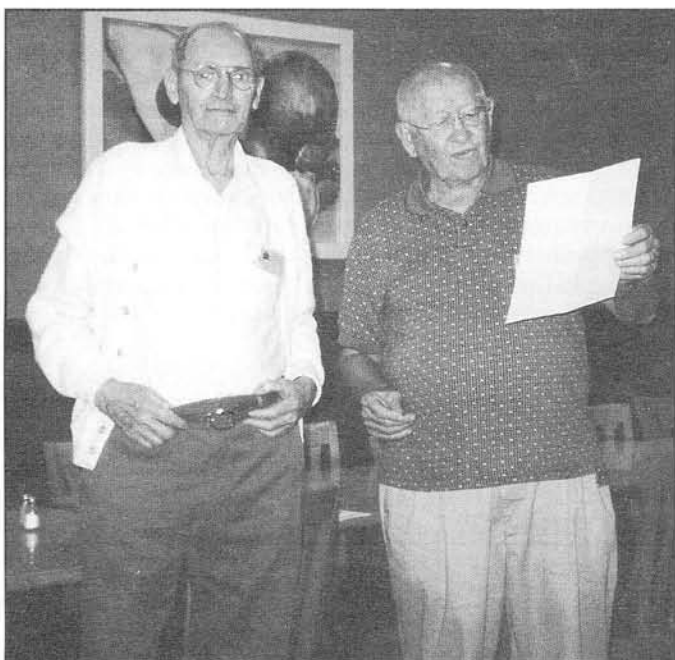


Harold R. Dean W7HW displays his 75-year award received at the January 2002 chapter meeting.

The chapter had the privilege of awarding the 75-year plaque, complimented by a large, inscribed cake, to one of our distinguished members Harold R. Dean W7HW. **Floyd Riemenschneider K7MGA - Secretary**

Chapter 173, Golden Triangle

W3DJE Henry Schurman, 90 years old, was presented his 70-year Certificate at our January 12th Meeting. Our President, W9JRY, Roger Harper presented the Certificate.



Roger Harper W9JRY - President, presents the 70-year Certificate to Henry Schurman W3DJE who is 90 years old.



Ray Ernst W2TAX, 94, was presented his 65-year Certificate by Roger Harper W9JRY.

W2TAX, Ray Ernst, 94, was presented his 65-year Certificate by Roger Harper, W9JRY

Our Life Member K4GGF, Bill Golding will be 100 years old on March 18, 2002. Bill is bedfast now but may be better by his birthday. He and his wife Dorothy live in an assisted care facility called Summerset on Dora Ave. Tavares, Florida.

This chapter is 173, Golden Triangle chapter. We meet each month at 12 noon the 2nd Saturday at Piccadilly, Lake Square Mall, on 441, Leesburg

Edith E. Eltzroth KM4JP

Chapter 174, Wisconsin Badger

Minutes of QCWA 174 Meeting honoring Baird W9NN

29 people were present at a dinner meeting to honor Bob Baird for his 80 years as a Ham operator. The meeting was held at the Stage Stop restaurant in Mosinee on 17 Feb. 2001. We assembled at 11:30 AM and visited and ate a menu dinner before the meeting. K9DB, Paul Nelles, took several pictures for publication.

The official meeting was called to order by Pres. Wayne Johnson at 12:47 CST. Minutes of the last meeting were left at home by the Sec., Lew, K9JPS. A short Treasurer's report indicated the treasury was solvent. Pres. Wayne made comments about the article in the Badger SmokeSignals. A letter was read from Dick Isley to Bob Baird of congratulations. E-mails were received from WA9SSH, N9CUW, Ray Tomlin-AI9K, WØBE, W9MRK, and Harrison Smith in Arkansas. N9UAR sent his congratulations and could not attend at the last minute.

The QCWA plaque for 80 years as a Ham was presented by Pres. Wayne. Many pictures were taken and Channel 9 taped the event.

Bob Baird, W9NN, the honoree, then told many tales of his early day in ham radio. He had joined ARRL in 1925 and helped inaugurate its start in Florence's tavern in New York. At first there was a 54 member limit and Bob was # 52; they held the applications open for him. Incidentally, 5 of the original 54 are still living.

He told of Earl ?? sending a message from Omaha Beach that all was well after the landing. The first coast-to-coast ham message was sent when ARRL was an infant and took 7.5 hrs. going and 5 hrs. returning by relay stations. Hence the name American Radio Relay League.

Bob told about the first wireless CW generated by a doorbell, spark coil and galena crystal. The signal was the spark of the spark gap.

They did not have a license but didn't know they needed one. Bob's first call was 8BTI and his renewal was 8TWR.

When AC was available he stole the current from the Lutheran church next to his house until he interrupted the playing of the organ which was run by AC.

Bob recited his experience with a new interviewer for WGN and how he "trained" him. The interviewer at one time was questioning a "street lady" (he didn't know she was a hooker). Bob's account was very humorous.

The interviewer once interviewed a religious nut and the episode ended when the guy told Erny, "the Lord will get you for this!"

Bob also told about WGN carrying radio broadcasts of the Big Bands back in the "good-old-days".

Submitted by Lew, K9JPS - Secretary

Chapter 175, Oregon Coast

Bi monthly luncheon and year-end discussion resulted in the decision to retain the present \$5.00 annual membership dues. It is however apparent that we may not have a way of checks and balances of who is a current member of QCWA.

It was decided to contribute to the national QCWA the amount of \$200. for their Scholarship fund. This amount will be deducted from our present bank account in Jan 2002.

There were no volunteers forthcoming to take president or secretarial duties of this local club. Beyond this we faultier.....

We were privileged to have Jim DeVries W7UG bring his lap-top and give us a demonstration using several currently popular digital programs. Jim made available several CDs with many currently free-ware programs. As amateurs, we are indeed fortunate in having so many great programmers, from all over the world contribute to our intriguing hobby by supplying us with plenty of choices.

"hobie W6TCA"

Chapter 181, Hudson Valley

A Joint chapter meeting was hosted on February 16, 2002, at the PENNYBRIDGE TAVERN, Hilton Inn, Tarrytown, NY. The speaker, our member, Tom Raffaelli WB2NHC, described the emergency communication events that followed the September 11 terrorist attack which destroyed the World Trade Center.



Tom Raffaelli WB2NHC tells members of Chapters 46, 81 and 181 how it was on 9-11 and in the weeks of ham emergency communications which followed the World Trade Center disaster.

Tom Is the man in charge of emergency ham communications In Westchester County, NY. On 9/11 he went at once to the headquarters location. He spent the next two weeks, coordinating the many hams who came on call from various states in the northeast. They provided fast radio links for Interservices communications, the regular channels for which had quickly become blocked by the excessive traffic.

They also provided much needed communications for the Red Cross evacuation of people who lived In the WTC area to emergency housing in schools and armories around NYC. Each location had Its own very active ham station providing communications for all. Tom's account included several trips to Ground Zero. On one he was called on to provided a personal explanation of the communications system to former President Clinton.

In an election, Harry Moore W2JQS, President, and the other members of the Interchapter coordinating committee were continued In office .

Following an exciting drawing, the meeting was adjourned.

Dick O'Brien NJ2J - Secretary

Chapter 183, Pioneer

The January meeting of QCWA Chapter 183 was held at CJ's Restaurant in Palmer, MA. Our new president, Harold W1EES called the meeting to order. Other new officers and board are Vice President - Chuck K1IGD, treasurer - Yorke K1BXE, Secretary - Pat N1CET, and directors Don W1UPH, Charles W1GYR and past president Larry K1ILZ.

It was announced, with deep regret, the passing of Charter member Bill Werenski W1CJK. Bill had just been awarded a Certificate for 70 years as an Amateur Radio Operator at our October meeting. He was a Board member of Chapter 183 since its onset. Bill was also active in several other radio clubs and taught and assisted many prospective hams through out the years. Bill will be greatly missed. At the October meeting another award was presented this was to Don W1UPH for 50 years as a Ham. Don is also a charter member of the club and is one of the directors.

Chuck K1IGD reported on the QCWA National Board meeting held in Florida in October. The 2002 Board meeting will be held in Kissimmee, FL this coming October. Larry, K1ILZ reported on the ARRL meeting held in Springfield, MA recently. Discussion there included the 40-meter band and Amateur Radio classes to be taught in 6 pilot schools as part of the math/science programs.

New business included appointing a new trustee for the Chapter 183 club call. W1MM as the current Trustee has resigned from the club. Tom K1JHC was appointed to the position of Trustee.

Harold W1EES presented two awards. The first was for 50 years as an Amateur presented to Cliff W1UWX. The second one was presented to Larry K1ILZ for meritorious service to the club.

The next meeting will be held at CJ's on April 20, 200.

Patricia (Pat) Smith N1CET - Secretary

Chapter 188, Lost River

This is coming to you from presently sunny, previously snowy, Southern Oregon, QCWA Chapter 188 Lost River Chapter in Klamath Falls, Oregon.

We have maintained steady attendance of 19-24 members at our monthly luncheon meetings at 11:30AM at Mike & Kathy's Restaurant on the Alameda Bypass here in town. Some of our members travel quite a few miles to attend and though we don't have regular programs some of our meetings end up in rather interesting discussions on one subject or another.

Recently, our chapter gained 3 new members, Ed Ewell K7DXV, Bob Baker W7STV, and Ron Spears W7IX. Each one is a welcome addition to our group. With sadness I report that our oldest member became a Silent Key in March 2002. Nina Price KB7RRO had been a faithful member since we chartered in 1993. We will certainly miss her.

Carolyn Brooks AB7ET

Chapter 190, Silver State

The year ended on a very positive note for chapter 190 in Reno, Nevada. The Silver State Chapter, which is now seven years old, continues to grow and prosper. We had two new members join during the year and thankful that we lost no members this year.



Chapter 190 meeting.

The chapter continues to have problems securing a site to host the quarterly brunch meetings. The year end annual business meeting and Christmas function was well attended again this year at the Cattleman's restaurant in Washoe Valley by twenty-nine of our members and guests. Down slightly from last year's attendance due to several members having employment related holiday parties on same night.

Business discussed concerned the continuing search for a brunch site, the return to same location for next years Christmas function and the voting on being the host chapter and site for the 2003 QCWA National Convention. The membership's vote was in favor of hosting in October 2003; however, an insufficient number of members have volunteered to help, so convention has since been cancelled at this location.

The evening was completed with a raffle drawing for several items.

Chapter 195, Sun City Center

The Sun City Center QCWA Chapter 195 met at the Alpha House Restaurant in Apollo Beach on Jan. 10th 2002. A total of 27 members and guests were in attendance.

After lunch, the meeting was opened for business by President John Bowker WA2WEN. President Bowker introduced Croft Taylor, Vice-President of QCWA, Mr. Taylor commented on the successful cruise sponsored by QCWA. He indicated that future cruises were a possibility. He also mentioned that there was a QSO Party scheduled for April and that the National Convention was to take place in October.

President Bowker introduced Rita Hale, W1UZR, our speaker for the meeting. Rita gave an interesting talk on "My 50 years in Ham Radio". Rita covered her

early beginnings in radio in Maine and subsequent activities that later led to Advanced and Extra licenses and membership in many nets.

Treasurer, G. Guler, WØOIR, presented the treasurer's report which showed a balance of \$555.87 as of date.



Chapter 195 President, John Bowker WA2WEN, presents certificate to QCWA Vice President, Croft Taylor VE3CT, commemorating his 50 years of service to amateur radio.

Minutes of the last meeting were accepted as published in the news letter. President Bowker indicated an effort will be made to recruit new members. He also presented Croft Taylor, the QCWA Vice-President, with a certificate honoring 50 years of service to Amateur Radio.

The meeting was adjourned at 1:35 p. m.

The next meeting will be on Thursday, March 14th, with a very special speaker, Walter Maxwell W2DU, who will speak on Antennas.

Peter L. Kurdeka - Secretary

Chapter 196, Edison

Chapter 196 is delighted to have one of our own members in the race for a director's position with the QCWA. I am very proud and extremely pleased to give my support to Ed Yoder W3YMB, in his quest for national office. Ed previously was a director and he is surely qualified to perform the duties again. On behalf of our chapter I am also happy to support Croft Taylor VE3CT, in his pursuit of National President. Croft has visited our chapter many times and his background is top notch. I don't think anyone could find a better team to represent us in the near future.

Ray Shetrone WA8WFL, has volunteered to head up a QCWA Volunteer Examiner Team in the local Fort Myers, Florida, area. Ray wants to be able to give back a little to the ham radio community and this is his way of doing just that. Ray has the support of many accredited volunteer examiners and hopes to enhance not only the availability of exams for potential candidates but to also

allow our chapter members the chance to participate in the examination process. This is a very positive action that will benefit the entire southwest Florida area.

For one reason or another, our chapter has been able to function without requiring the payment of dues. From time to time there are some expenses that occur out of courtesy to our members and their families. In order to be able to meet those unexpected expenses our group has initiated a 50/50 raffle at our luncheons. Half of the proceeds go to the winner while the other half goes to the kitty. This has been a big success, a fun event and also a nice way to enhance the chapter's emergency fund.

There is a group of members who expressed interest in an exchange program with amateurs from Russia. At this point, some have committed to offering a home to stay at or providing a day escort for local events. More will be reported after the event has occurred.

Many of our members helped operate a special event at the Thomas Edison winter home again this year. Contacts were made all over the world from the estate that adjoins the Henry Ford estate in Fort Myers along side the Caloosahatchee river. This is an annual event that is sponsored by a local radio club who used W4LX as a call.

Our Secretary, Jan Scheuerman WA2YL, has worked diligently to create a web site for our chapter. It is accessible through the national QCWA site or as a link through Jan's WA2YL@ARRL.NET site. Please take the time to look at what is there and enjoy the special touches that Jan has in store for you.

I want to offer a big congratulations to Stella Gurka WA2FAU, who recently upgraded to Amateur Extra Class. She is an avid PSK31 operator who has many friends all over the world that she talks with on a daily basis.

Tad Burik WA8PXL - President

Chapter 201, Gem State Chapter



Officers of the Gem State Chapter 201 left to right: W7GHT - Bill (Board Director), W6ZOH - Floyd (Sec./Treas.), NB7Q - Neil (Pres.), W7DO - Cecil (VP), W7SC - Bob (Board Director).



Left to right is: Peter Demmer KH6CTQ, Joe Fenn KH6JF holding his Award, John Peters K1ER, Ted Chernin KH6GI, holding his Award, Joan Peters KA4DPW (President), Lee Wical KH6BZF, Ray Thompson KH6IEL.

Chapter 201 meets the last Tuesday of every month except August and December. Contact NB7Q to find out where we are meeting should you be in Boise, ID area.

Neil Zimmerman NB7Q

Chapter 206, Honolulu

Chapter 206 meets monthly on the last Friday for Breakfast and fellowship. We invite visitors and QCWA members. Call K1ER for information about the meeting if you'd like to attend. At the March meeting we presented 65 Year licensed Awards to Ted Chernin KH6GI



Left to right is: Peter Demmer KH6CTQ, Joe Fenn KH6JF holding his Award, John Peters K1ER, Ted Chernin KH6GI, holding his Award, Joan Peters KA4DPW (President), Lee Wical KH6BZF, Ray Thompson KH6IEL.

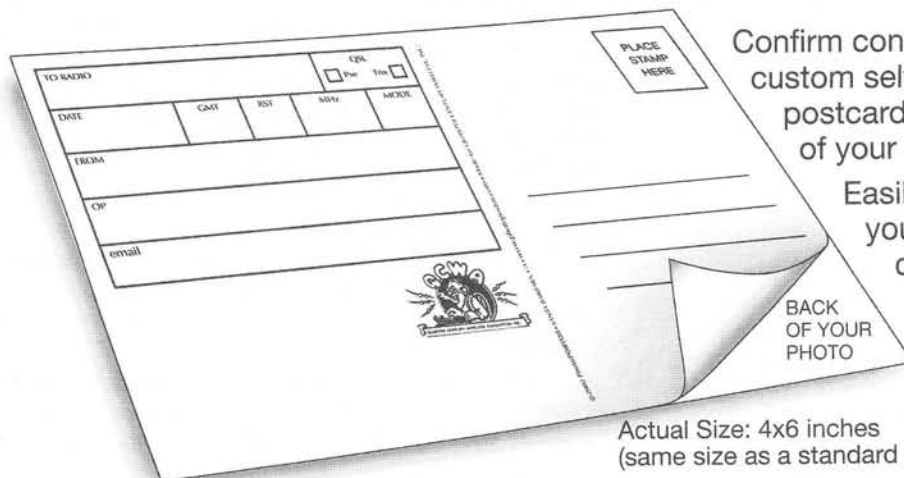
and Joe Fenn KH6JF. John Peters K1ER received a 50 Year Award. Ted KH6GI will be receiving his 70 Year Award in January since he can't find his original Jan 12, 1932 license and he first appeared in the 1933 Callbook. Safeguard your licenses! Think HAWAII when your weather is terrible. Think about coming to a QCWA meeting when you visit Hawaii. ALOHA"

John K1ER

DEADLINE FOR CHAPTER REPORTS - JULY 1, 2002

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RANDOM RECOLLECTIONS OF AN OLD HAM

-by George Hart W1NJM

(A journalistic history of the life and times in Amateur radio of George Hart, W1NJM)

The Great Discovery

It was a crucial time in the history of 3NF and my budding enthusiasm for amateur radio. Bunch seemed to have lost interest, spent a lot of time running around in his flivver with George Suydam and their close circle of girls. Sometimes Bunch brought a girl to his radio room, and on such occasions I was excluded. I waited, trying to be patient, still operating "the rig" but having little success, and eventually I found him sitting on his bed thoughtfully contemplating the transmitter.

"Wonder what's wrong with it?" he mused. I made a number of eager suggestions, but he completely ignored them. What I wanted most of all was for him to apply his great knowledge of electronics to the problem, fully confident that he could solve it. He rummaged around until he found the QST diagram containing the circuit he had used when building the transmitter and perused it studiously.

"Wonder what that is?" he asked himself, and when I inquired "What?" he pointed to a series of loops in the plate voltage line marked, simply, RFC. He reread the text of the article but found no reference to it, but under the diagram it explained that RFC was a coil of wire. He remembered having seen it when building the transmitter but having ignored it. "It can't be anything important," he continued, still talking to himself more than to me, "but what the hell, I've tried everything else, I'll make one." Whereupon, he cut off a piece of broomstick, wound some wire around it, fastened it to the stick with tacks and connected it in series with the high voltage lead from the transformer. He then "fired up" the transmitter and pressed the key.

The plate of the 210 tube didn't turn red as it usually did, and the transformer did not groan, as was also customary, only made a small humming sound. The RF meter in series with the antenna lead, which normally barely moved, deflected to three quarters of full scale.

"Holy smokes!" I exclaimed.

"Whatsa matter, George?" he said, grinning at me.

"The meter's broke!"

"I don't think so." He turned on the receiver, tuned around until he heard a CQ and called. He received a prompt answer and a report of R-8, one of the highest we had ever received. In the next ten minutes he made three more contacts on three calls and received R-8 from two of them, R-9 from the other.

"I think we solved the problem," he said, and continued operating. I was itching to get at the key, but Bunch was not about to relinquish it. When I pleaded with him to let me have a crack at it, he snarled at me and sent me downstairs to bed. Some time later he awoke me from a sound sleep. "Wake up, George!" he said, shaking me. "I worked three sixes. Conditions are great, but I'm going to bed. If you want to operate, get up."

"What time is it?"

"Four thirty. I can't stay awake any more, but if you want to operate, come on up. Just be quiet."

It was a Monday morning in midwinter, 1928. I rolled out of bed, put on a warm bathrobe and went upstairs. The kerosene heater was going, but it was still a little chilly in the big room. I sat down and started operating, shivering, but soon got so interested in the activity on the band (80 meters) that I forgot my discomfort. There weren't many signals, but no other noises either, such as we usually had to contend with during the day. I operated until daylight, managed to work a 7 in Montana and another one in Idaho, called several 6's but got no answers. At 7 o'clock I had to quit to get ready for school. During the day, in school, I bragged to several companions that I had talked by radio to stations in Montana and Idaho, but no one believed me. I believe they thought I was a little cracked, and some of them moved away from me. All day I walked on clouds. 3NF had an outstanding signal, at last! I could hardly wait to get home and do some more operating.

But when I got there, Bunch had dismantled the 210 and was reinstalling the 852. As usual, he ignored my protests, and when the work was done he sat and operated for hours while I stood by. It amazed me that the plate of the big tube no longer glowed red and the big transformer no longer groaned when the key was pressed. Not only did we receive answers to all calls, but a CQ brought several responses, and all reports were R-8 or R-9. Bunch had to put a shunt on the RF meter to keep it from going off scale. The plate current milliammeter deflected to 100 ma. It was a happy time.

But our signal reports, although much improved in strength, still were AC in tone. I didn't care about this, but Bunch was never satisfied, and now he lusted for a "DC note." Back into operation went the rectifier tubes, filter choke and filter condenser. And lo and behold! the first contact reported us R-9 PDC (pure DC). The noise made by the transmitter in our regenerative receiver was quieter, loud clicks instead of the roar it had previously produced. Bunch operated from the 1000 volt taps on the transformer to try to save the poor overloaded rectifier tubes, but this seemed to make little difference in signal strength despite what must have been considerable voltage drop. We had an outstanding signal with a DC note. I hoped now that Bunch would leave the rig alone for a while.

"PHONE"

Such a hope was dashed, however, when he decided to go on phone. This was accomplished by procuring an old upright telephone with the receiver removed and "loop modulating" the signal. A coil of two or three turns was wrapped around the tank coil of the transmitter with leads to the carbon telephone mike. This produced a combination of amplitude and frequency modulation of questionable quality but none-the-less understandable at the receiving end. We remained on phone for perhaps two weeks, at first basking in the uniqueness of communicating by this method as contrasted to CW, but very soon growing tired of the same old chatter and relative difficulty in establishing and maintaining contacts. Besides, considerable RF voltage found its way into the microphone and if you accidentally touched the mouthpiece with your lip you got burned.

The phone segment of the band, incidentally, was only 50 kHz. wide at the extreme low end, 3500-3550 kHz. Most amateurs used loop modulation, just as we did. Some of the more advanced type used grid, Heising or plate modulation. The latter two methods produced higher quality but required equipment the typical amateur did not have and could not afford. FM was not unknown but not used by amateurs except that produced incidentally with loop modulation.

PRE- WWII CALL AREAS

The call areas were different from today's configuration, too. Only the first and fifth call areas were as they are today (2001). The 2nd call area was metropolitan New York City only - Long Island, New York City itself, a piece of southeastern New York State and a piece of Eastern New Jersey close to the city. The 3rd call area was the rest of New Jersey, southeastern Pennsylvania, Maryland, Delaware, D.C. and Virginia. The fourth call area was as today except for Virginia. The 6th call area then included Arizona, Utah and Nevada, which are now part of the 7th. The 8th call area then included most of Pennsylvania, most of New York State, Ohio, West Virginia and Michigan except its upper peninsula. The 9th call area comprised all the rest of the states: Kentucky, Indiana, Illinois, Missouri, Kansas, Nebraska, Iowa, Minnesota, North and South Dakota, Colorado and Michigan's upper peninsula. There was no 0 call area until after WWII. In Canada, the western provinces of Alberta and British Columbia were Canada's 5th call area, Manitoba and Saskatchewan the 4th, Ontario the 3rd, Quebec the 2nd and the Maritime provinces the 1st. These were the only Canadian call areas.

In those days, if you moved to a different call area you changed your call. You could operate as a "portable" for a limited time, using your "old" call with a portable indicator, but you had to make application for a modification of your station license. Similarly, you could operate temporarily from a location other than on your station license, but you had to notify the Commission (Federal Radio Commission until 1933, then the FCC took over) where you would be operating from and for how long. Alternatively, you could apply for a portable station license and get a different call for it, or you could obtain a separate call if operating a permanent station from a different call area.

TRAFFIC HANDLING

But enough of regulations. It is a complicated picture and there were many changes from year to year. Let's get on with my personal history.

In 1928 I was still operating 3NF without a license, perhaps more than Bunch as he chased girls, although he continued to maintain the station, often to my dismay putting us off the air while he made changes or decided to rebuild something or try something new. I was an operator, not a builder or experimenter. Bunch was the "compleat" amateur, seeking more technical knowledge and skill as well as high competence in operating. This lack of interest in the technical aspects of amateur radio has plagued me during my entire 70+ years of amateur radio experience. By this time I had reached a level of operating skill high enough to get bored with simply making ragchew or formula contacts. So I got interested in traffic handling. This was an activity undertaken by a great many amateurs during that period and for decades to come, and ARRL encouraged and fostered it with the "trunk line" concept. With Bunch's encouragement and participation (when he wasn't chasing girls or

monkeying with the equipment), several "schedules" were established, first in the "five point" system with a station in each of the four directions, and with a station in the nearest big metropolitan area, which was Philadelphia. These schedules were kept every week day. I remember we had difficulty setting up some of the schedules and those we did get set up were not always reliable, but Bunch and I (mostly I) kept our end religiously, and when the station at the other end too often failed to show up we (I) sought someone else. Traffic handling was a "big deal" in those days and we usually had no trouble in this regard; but continued reliability was a different matter. Even then, at age 16, I often contemplated the shortcomings of the system and sought solutions. It must have been in 1929 that I entered into extensive correspondence with W8DLG in Brooksville, PA. regarding a system of double-teaming of schedules to enhance reliability. I'm sure W8DLG (think his name was Gil). didn't know I was a mere lad of 16 and not yet licensed (I signed myself "Geo, W3NF"). The discussions, however, came to naught and petered out. Maybe my immaturity gradually dawned on him and he lost interest. I mention it because it was my first venture into traffic-handling leadership.

W3NF became well known in traffic-handling circuits (at least in the northeast) and we were awarded a position on Trunk Line A, running from New York to San Francisco. Later we also participated on Trunk Line C, running from Maine to Florida. The Trunk Lines were an ARRL institution originally fostered by Hiram Percy Maxim but implemented by HQ even before WWI, reorganized in the twenties and going full blast into the thirties. By the time the U.S. got involved in WWII and amateur radio was again shut down there were 14 trunk lines in operation criss-crossing the U.S. in various configurations, with another line in Canada. In those days, especially in the early thirties, spot frequency contacts were the exception rather than the rule. Trunk line stations were expected to keep their two TL schedules every week day, plus other schedules for the handling of traffic not destined for points along the line. For example, on Trunk Line A W3NF would keep a schedule with a station in or near New York City, the eastern terminus, and relay traffic going to or coming from an easterly or westerly direction. We would also keep a schedule with a TL station to the west, say Pittsburgh. That station would also keep a western schedule, say with a station in or near Cincinnati. And so on to, say, Indianapolis, Chicago, St. Louis, Omaha, Denver, Salt Lake City and San Francisco. Each station along the line was expected to provide outlets and sources to north and south and nearby large cities, if any. The schedules were almost always kept in the evening, sometimes in early morning, hardly ever during the day, not necessarily on any progressive time schedule, but at times convenient to the two operators involved. There were no "nets," because spot frequency operation was rare. W3NF, on its schedule with WSCGZ, might be on 3820 and WSCGZ on 3650. By the thirties, most stations were using crystal control, and the supply of crystals was limited to those who could afford them. All traffic handling was done by CW. Voice operation was taking a foothold, but until years later took little serious participation in anything but casual rag chewing.

No schedules were kept on weekends, most holidays, and during the midsummer months (June through August) everything shut down. In the normal course, a message going from New York to San Francisco might take three or four days or, if

propagation and other factors intervened, as much as a week or longer. I kept thinking that there ought to be a better way of doing it, but never put such thoughts into specific action until many years later.

GETTING ON 40

Up to this point (1930), all our operation was on 80 meters. Bunch was acutely aware of the existence of higher frequency bands and their potential for daylight operation. We were so deeply involved in traffic handling that there was little opportunity to explore 40 and 20 meters; but Bunch increasingly wondered what it would be like to operate in these higher frequency bands. He wound coils for our regenerative receiver so he could at least listen on 40 and was amazed to hear "nines" (signals from the 9th call area) coming through in broad daylight. "On 80 you could seldom hear them at night, and in the daytime only relatively local signals were audible, or sometimes none at all. The age level of hams was considerably lower then than it is now. During the day a big segment of the ham population was in school or college or at work. I remember many times when I had an opportunity to operate in midday there were just no signals audible; but on 40 meters you could almost always hear signals, some of them 4's and 9's (remember, the nearest 4's were in North Carolina or Tennessee, the nearest 9's in Kentucky or Indiana). I was content to stay on 80, but Bunch wanted to get on 40, so one weekend, again to my dismay, I found we were off the air as Bunch made alterations to the transmitter to try to make it work on 40, and fashioning a 40 meter antenna. He succeeded, but the signal lacked stability and the results were not so good. He found we did not compete so well with the "big boys" on 40 as we did on 80. So now his ambition was to modify the 852 transmitter so it would work as well on 40 as it did on 80. This meant a lot of experimenting, often to the detriment of our traffic-handling program, of which I was mainly in charge while Bunch spent his spare time" socializing or tinkering with the transmitter. We had some bitter quarrels about it, but I was always the loser. Bunch prevailed. I was almost thankful that his social activities (mostly with girls) greatly limited his on-the-air operations, but sometimes he would leave the transmitter in an inoperative condition and all my pleading would be ineffective.

"Do it yourself," he would snicker, knowing full well that I had neither the knowledge nor skill to restore the transmitter to operation. The sad part was that I had no desire to participate in that phase of amateur radio. I just wanted to operate. Eventually, of course, I learned the basics much as I had learned the code, by osmosis, watching Bunch and emulating him; but I never even came close to matching his skill or know-how in construction or experimenting. I did eventually surpass him in operating and organizing ability, but not by much. All through our Amateur Radio careers I always came to Bunch (we later dropped this moniker and he became simply Ed) when I had any kind of a technical problem.

FIRST LICENSE

My technical shortcomings were such that I kept putting off taking my license test, but when a few eyebrows were raised,

in late 1929 I decided to do something about it. I applied for a "temporary" amateur license. This was just what the name implied, a license granted by the Federal Radio Commission (Department of Commerce) which would make operation legal until the applicant can take the written and code test under supervision at an FRC testing point -in our case, in Philadelphia as the nearest place where such tests were given. It was conducted entirely by mail on the "honor system," but was good only for one -year maximum, after which it became invalid unless the licensee took the regular test. During that year it conferred full amateur privileges. I had Bunch help me with the technical questions and copied a diagram out of QST. Cheating? Oh yes, I cheated, but Bunch had threatened to forbid me from operating his station unless I got a license. The call assigned was W3AMR. The license was dated Feb. 5, 1930. I was "legal" at last.

DX

Back in 1927, when we were still struggling with our 210 Hartley on raw a.c., we received a card from an SWL in England stating that he had heard us, but we didn't believe it. We couldn't work a 9 or a 4 unless conditions were exceptionally good, how could we be heard in England? After the "great discovery" of the RF choke and our contacts and range increased, we began to hear that some of our colleagues were working Englishmen on 80 meters. It was necessary to stay up quite late, e.g. after midnight, before they started coming through as the Englishmen started getting up. We usually went to bed before midnight, but one Friday night in January of 1929 I decided to stay up and check out these reports. Sure enough, a few English hams were coming through, principally "Ham" White, G6WY. That is, he was the strongest. Other G stations were much weaker but audible. I called and called, but they always came back to someone else, so I went to bed, unable to stay awake longer. But during the day Saturday I gave much thought to the matter and the lure of "DX" started to infect me. I stayed up late again on Saturday night, and this time G6WY finally answered my call. I let out a whoop, waking Bunch up.

"If you can't operate quietly," he said, groggily, "you can get the hell out of here."

"But I'm working an Englishman!" I protested.

"I don't care who you're working. Do it quietly or get the hell out."

It was reminiscent of the time a couple of years before when, one crisp winter morning, I had worked 5QQ in Mississippi and 4OO in Florida, waking Bunch up to inform him of this outstanding feat. He was never overly impressed, and not at all when he was awakened. I feared him because he had the power to take away my amateur radio fun, and he used it purposefully whenever he disapproved of anything I did as far as ham radio was concerned.

Coming in the next installment: The Radio Club

QCWA Welcomes New Members

DATE	MEMNUM	NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
01/01/2002	31238	BOOTHROYD, JOHN F	KC1WA	MAYNARD	MA	-	-
01/01/2002	31239	DAMREN, LEIGH A	WB1EAE	CLAREMONT	NH	EDWARD EVERETT	W1ALE
01/01/2002	31240	DELINSKY, ROBERT S	AF80	SAGAMORE HILLS	OH	ROCKY ZIMMERMAN	W8UYN
01/01/2002	31241	GIACOPELLI, PETER J	KB2DY	ASSAPEQUA	NY	-	-
01/01/2002	31242	HUMPHREY, WILLIAM A	WD0EWH	OMAHA	NE	DICK NEWSOME	W0HXL
01/01/2002	31243	KNUPKE, WILLIAM C	WC8K	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
01/01/2002	31244	RIDLEY, PAUL	N5PR	BELEN	NM	-	-
01/01/2002	31245	WILLIAMSON, JOE W	KB5YA	KILLEEN	TX	JAMES P WILHITE	W5JPW
01/01/2002	31246	ZACHER, JAMES	N9JZ	ELGIN	IL	-	-
01/01/2002	31247	WHITE, CLAUDE W	W4CWW	FLORENCE	SC	F B ASHLEY	K4MFU
01/01/2002	31248	MANNA, ANNE E	WB1ARU	HANOVER	MA	ANTHONY MANNA	WA1ENO
01/01/2002	31249	BOROWSKI, WALTER J JR	WA3FQX	SCRANTON	PA	-	-
01/01/2002	31250	STETSON, RALPH T III	KD1R	WESTFORD	VT	-	-
01/01/2002	31251	WALDROP, MICHAEL D	WB8TNJ	APO	AE	-	-
01/02/2002	31252	KHOLER, HARRY A M	N0PU	ST LOUIS	MO	-	-
01/03/2002	31253	GUTSHALL, LOIS J	WB3EFQ	ALTOONA	PA	CARAMEN W PRESTIA	K3CWP
01/03/2002	31254	POTTS, JOSEPH R	WA3UMX	GAP	PA	-	-
01/04/2002	31255	HARRISON, JAMES K	W5YRU	COVINGTON	LA	DOUG HARRISON	WB5BLE
01/07/2002	31256	MARTARELLO, SHARON A	KJ8F	ELIDA	OH	GARY HARRISON	K0BC
01/07/2002	31257	RIFENBARK, KARL	N7DMA	ORO VALLEY	AZ	-	-
01/09/2002	31258	BISHOP, LEON	N5PU	MOSS POINT	MS	-	-
01/09/2002	31259	JEFFREY, BRIAN	VE3UU	CARP	ON	CLARE FOWLER	VE3NPC
01/10/2002	31260	BROWN, RODNEY R	WG8W	MONTROSE	MI	DON CHRISTENSEN	W8WOJ
01/10/2002	31261	MORRISON, CHARLES	N1RR	SEEKONK	MA	-	-
01/11/2002	31262	SELLNER, WILSON F	WB7RRZ	CHEYENNE	WY	DONALD R MILLER	K7TFW
01/11/2002	31263	WILSHIRE, PHILIP A	N5PW	TYLER	TX	-	-
01/14/2002	31264	ADAMS, CHARLES P	N5UN	FORT WORTH	TX	VAL ERWIN	W5PUT
01/14/2002	31265	RIPPEL, ROBERT C	WA4HHG	CHESAPEAKE	VA	-	-
01/14/2002	31266	REHFELDT, RICHARD L	WA0IDS	ST LOUIS	MO	JOHN GERMANOS	WB9PNU
01/14/2002	31267	WALSH, CHARLES J	K1NWB	BARSTOW	CA	-	-
01/16/2002	31268	ANDERSON, MARLETA M	W5MAR	PLACITAS	NM	ELWOOD ANDERSON	AE5EA
01/17/2002	31269	HEIDER, STEPHAN	W0LUB	BUFFALO	NY	TOM WHALEN	W2QI
01/17/2002	31270	HERMON, JOHN PRESTON	WB5OOL	GALLATIN	TN	-	-
01/17/2002	31271	PACE, WILLIAM T	KB8ZM	S CHARLESTON	WV	SAM MOORE	W8NCD
01/17/2002	31272	RACHELS, WARREN ADRIAN	WA4UQL	TAMPA	FL	-	-
01/18/2002	31273	BAKER, ROBERT W	W7STV	KLAMATH FALLS	OR	CAROLYN BAKER	AAB7ET
01/18/2002	31274	LOYD, STEVEN D	AG0L	BELLEVUE	NE	ROBERT W ATWOOD	W0RWA
01/21/2002	31275	SCAFFIDI, ROBERT	WD8KND	DOYLESTOWN	OH	-	-
01/21/2002	31276	SPEARS, RON	W7IX	KLAMATH FALLS	OR	-	-
01/22/2002	31277	ANDERSON, ROBERT E	K4UMK	ROANOKE	VA	CHARLES E BACKWITH	KFBSF
01/22/2002	31278	BEIERMANN, JEFF	WB0WHM	OMAHA	NE	DICK NEWSOME	W0HXL
01/22/2002	31279	DALLAS, GARY B	W5BFA	HUMBLE	TX	DENNIS RIISE	K5AVT
01/22/2002	31280	SMITH, ROY G	N4BYU	PLEASANT GARDEN	NC	EARL FOX	W4DWR
01/24/2002	31281	GREGOIRE, NORMAND R	W1BMK	LONGMEADOW	MA	HARAOLD CHASE	W1EES
01/25/2002	31282	HEATON, TIMOTHY H	N7VU	VERMILLION	SD	-	-
01/28/2002	31283	WOODWAD, J BARRY SR	W4ZOT	COVINGTON	GA	DALE CULP	W1BPP
01/29/2002	31284	JOHNSON, BRUCE F	VE4KQ	WINNEPEG	MB	-	-
01/29/2002	31285	LARSON, CHARLES C	KD4FZ	VENICE	FL	-	-
01/29/2002	31286	ROSE, C MARTIN	KM8R	W BLOOMFIELD	MI	LEONARD M NATHANSON	W8RC
01/29/2002	31287	THOMPSON, BRUCE C	WB7RHT	SEELEY	CA	-	-
01/29/2002	31288	WEBER, HERMAN M III	WA4GIF	OCALA	FL	-	-
01/29/2002	31289	ECHOLS, BILLY G JR	WA2NYR	JACKSON	MS	-	-
01/31/2002	31290	SCHRADER, JOHN H	W1JHS	MANCHESTER	ME	BILL CROWLEY	K1NIT

New Members

02/01/2002 31291	GRIEVE, CLINTON JR	WY0C	WICHITA	KS	-	-
02/01/2002 31292	SHELDON, CONRAD H	K1EC	PROSPECT	CT	-	-
02/01/2002 31293	ROBERTS, DON	W4CBS	SEBRING	FL	JOHN R SPROAT JR	W4JS
02/04/2002 31294	RAUSCH, JESSE	W0JR	GETTYSBURG	SD	-	-
02/04/2002 31295	RAUSCH, SCOTT	WA0VKC	PIEDMONT	SD	-	-
02/05/2002 31296	ALLOR, C RUSSELL	N5ADF	BATON ROUGE	LA	GEORGE D GELPI	K5RGI
02/05/2002 31297	EMERSON, JACK	W4TJE	LEXINGTON	NC	-	-
02/05/2002 31298	GUIDRY, ALVIN A	N5GA	PRIDE	LA	-	-
02/05/2002 31299	GULDSTRAND, ROBERT	N6EPJ	OAKHURST	CA	KENNETH CEXTON	K6LFR
02/05/2002 31300	HALL, DENNIS L	KK7X	RATHDRUM	ID	-	-
02/05/2002 31301	MORRIS, PAUL B	K3VAR	SCOTTDAL	PA	-	-
02/07/2002 31302	HANSCHMANN, HEIDEMARIE	DL9MTG	GERMANY		WERNER LEMBCKE	DL1ZC
02/11/2002 31303	JOHNSON, DAVID G	KD5PXJ	OKLAHOMA CITY	OK	J D FULCHER	W5LII
02/11/2002 31304	MILLER, JUDITH E	WB5LYJ	ALBUQUERQUE	NM	JAY D MILLER III	WA5WHN
02/11/2002 31305	SMITH, JIMMIE D	K7JDS	BILLINGS	MT	G M STENULSON	K7GMS
02/11/2002 31306	THOMPSON, DAVID K	WB4YJE	MIAMI	FL	ARTHUR RAUCH	W4VZ
02/12/2002 31307	FURTAK, WALTER	WB4LWE	W PALM BCH GARDENS	FL	ARTHUR RAUCH	W4VZ
02/12/2002 31308	NEWMAN, ROBERT H	WA2IES	PLANTATION	FL	BERNARD GOLDSTEIN	W2MNP
02/13/2002 31309	DE LA PAZ, FRANK		WD4LXJ MIAMI	FL	ARTHUR RAUCH	W4VZ
02/13/2002 31310	KARJALAINEN, RAIMO	W4KAR	LAKE WORTH	FL	MIAMI	
02/13/2002 31311	MAYER, PAUL	W4ATR	MIAMI	FL	ARTHUR RAUCH	W4VZ
02/13/2002 31312	GILBREATH, LARRY	WD4MN	ALTAMONTE SPRINGS	FL	PAUL TURNER	W1DLP
02/13/2002 31313	LEAVITT, JOSEPH M	KF4WM	ALTAMONTE SPRINGS	FL	PAUL TURNER	W1DLP
02/14/2002 31314	BRADHAM, JOHN H	K4UHC	MT PLEASANT	SC	DANIEL P LYKINS	KM4GT
02/14/2002 31315	DROST, DANIEL J	K1DD	GEORGETOWN	SC	DANIEL P LYKINS	KM4GT
02/14/2002 31316	ELLISON, BURRELL M	KG4QJJ	SUMMERVILLE	SC	DANIEL P LYKINS	KM4GT
02/14/2002 31317	ROYALL, CHARLES C	WB5T	SAN ANGELO	TX	-	-
02/15/2002 31318	ECKSTROM, JAMES DONALD	K9GI	OMRO	WI	DICK LEMME	K9FA
02/15/2002 31319	CAPPE, ROGER A	WA4PEA	GAINESVILLE	FL	PATRICIA CALLAWAY	K4HFJ
02/15/2002 31320	JACKSON, DON L	AE5K	YELLVILLE	AR	LELAND SMITH	W5KL
02/15/2002 31321	PICKAR, DONALD E	K3KKY	POTTSTOWN	PA	NICK OLAND	W3DSE
02/19/2002 31322	SWEAT, JOHN D	KD4IN	CANTON	GA	-	-
02/19/2002 31323	KIGHT, DAVID A	KB7DK	BEAVERTON	OR	-	-
02/20/2002 31324	BERGE, KURT	K8BKA	MENOMINEE	MI	W A GERBER	W8CBH
02/20/2002 31325	BOSSelman, DWIGHT G	W9YQ	OCONTO	WI	W A GERBER	W8CBH
02/20/2002 31326	CALLOW, JAMES R	K8IR	MENOMINEE	MI	W A GERBER	W8CBH
02/20/2002 31327	HELLEM, TOM	K0SN	PORTERFIELD	WI	W A GERBER	W8CBH
02/20/2002 31328	ZERATSKY, TOM	K8ICO	MENOMINEE	MI	W A GERBER	W8CBH
02/20/2002 31329	MAYER, RONALD L	W8KYD	PARMA	OH	PAUL CORNELL	W8EFW
02/21/2002 31330	MIDDLEBROOK, BARRY	VE6TN	CALGARY	AB	KEN OELKE	VE6AFO
02/22/2002 31331	MANTICK, DUANE P	WB9OMC	LFAYETTE	IN	-	-
02/22/2002 31332	HALLOCK, MAX D	AC4YH	ROSEVILLE	IL	-	-
02/25/2002 31333	MOSELEY, ROBERT E	WA1ZLF	CHESHIRE	CT	FRANK DARMOFALSKI	W1FD
02/25/2002 31334	NUNN, DAVID L	KE5SN	EDMOND	OK	GENE NAILON	K5DLE
02/25/2002 31335	MATTHEWS, DAVID J	K3MV	RESTON	VA	RAY C H JOHNSON	K5RJ
02/25/2002 31336	ROUND, DANIEL L	WA0YJE	LEAVENWORTH	KS	BILL THOMPSON	W0NYG
02/25/2002 31337	TYLER, RICK	WQ8Q	CINCINNATI	OH	-	-
02/26/2002 31338	WOLF, HARRY K	W6NKT	MORRO BAY	CA	JAMES PALMER	W6FOB
02/28/2002 31339	BALL, EDDIE S	WB4QAU	NEWMAN	GA	THOMAS E FALLS	K4IKV
02/28/2002 31340	DYSINGER, LYLE T	N4QH	TOCCOA	GA	-	-
03/01/2002 31341	VAN SWEDEN, BONNY GAY	WB9TUM	MERRITT ISLAND	FL	ART GREENE	K4DQC
03/04/2002 31342	BARRON, ROGER L	W4EI	STANARDSVILLE	VA	ERNEST SARDI	W2EIU
03/04/2002 31343	THOMPSON, JERRY D	WA6ONA	NORTH FORK	CA	SCOTT HILL	K6IX
03/04/2002 31344	WENDLAND, MIKE	K8ZRH	OAKLAND	MI	-	-
03/04/2002 31345	WILLING, KEN G	VE3CV	OTTAWA	ON	KEITH BEDAL	VE3GFI
03/05/2002 31346	CANUP, BOBBY	W4OHA	MARIETTA	GA	BOB LEAR	K4SZ

03/05/2002 31347	D'EON, ALDERIC L	VE3AND	TORONTO	ON	THOMAS B ATKINS	VE3CDM
03/06/2002 31348	REGENNITTER, FRED	K4IU	ROCHESTER	MN	-	-
03/06/2002 31349	REGENNITTER, JUDITH I	K0UH	ROCHESTER	MN	-	-
03/06/2002 31350	TACKETT, HENRY A	W5GPF	DALLAS	TX	LUTHER PULLY	W5JIZ
03/07/2002 31351	BELL, MAARK S	K3ZX	AIRVILLE	PA	-	-
03/07/2002 31352	MUSSMAN, STEVE	N2CVV	WEST PALM BEACH	FL	JEFF BEALS	WA4AW
03/08/2002 31353	HORTON, W H	W4DDK	MONCKS CORNER	SD	J A FERGUSON	W4JF
03/11/2002 31354	DICE, CLIFF	W9WHO	EDISON	OH	-	-
03/11/2002 31355	RENWICK, SCOTT	WB5ZJI	SAN ANTONIO	TX	-	-
03/11/2002 31356	FAGAN, THOMAS J	WB7NXH	TUCSON	AZ	-	-
03/11/2002 31357	MOREY, MICHAEL L	N8CFK	DIMONDALE	MI	HAROLD J BELL	WA8LAY
03/11/2002 31358	WOODY, ROBERT N	N8KIE	CLARKSTON	MI	-	-
03/11/2002 31359	COTTINGHAM, JAMES W	WA6WRF	SANTA MARIA	CA	-	-
03/12/2002 31360	PLASTER, JOHN W	KB1GPF	HAMPDEN	MA	LARRY SMITH	K1ILZ
03/12/2002 31361	BECKNER, DENNIS	K8DRB	MORRISTOWN	TN	CHARLOTTE	-
03/12/2002 31362	MOORE, JERRY F	AF1P	NEW MARKET	TN	CHARLOTTE	-
03/12/2002 31363	SLAY, TIMOTHY B	N4IB	MOORESVILLE	NC	CHARLOTTE	-
03/13/2002 31364	COWART, RONNIE L	WB4PMH	YORK	SC	CHARLOTTE	-
03/13/2002 31365	DELANEY, LAWRENCE J JR	WA4MIY	SENECA	SC	CHARLOTTE	-
03/13/2002 31366	RICHARZ, WILLIAM M	N4DH	CHARLOTTE	NC	CHARLOTTE	-
03/13/2002 31367	STOWELL, LARRY C	WA2SRY	DURHAM	NC	CHARLOTTE	-
03/13/2002 31368	TAYLOR, JOHN L	K4BEX	RALEIGH	NC	CHARLOTTE	-
03/14/2002 31369	AURAND, WILLIAM R	W7MQ	TUCSON	AZ	FRIED HEYN	WA6WZO
03/14/2002 31370	LATTAN, DAVID E	WD9EBQ	HETTICK	IL	-	-
03/15/2002 31371	NORTON, JAMES C	KG2QB	APO AP	-	-	-
03/18/2002 31372	BECKMAN, JACK	WD8CZJ	STERLING HTS	MI	PAUL VALKO	W8KC
03/18/2002 31373	KOESTER, JOSEPH W	W4NSA	CROSSVILLE	IN	JOHN B JOHNSTON	W3BE
03/18/2002 31374	SHINAL, THOMAS J	W4HCP	WATERFORD	VA	JOHN B JOHNSTON	W3BE
03/18/2002 31375	RAMSEY, GENEVIEVE	WB0NYH	OMAHA	NE	V K RAMSEY	W0SBZ
03/18/2002 31376	FREY, ELLSWORTH M	W1LZA	HAMPDEN	MA	LARRY SMITH	K1ILZ
03/18/2002 31377	REESE, BERNARD	W0BDR	FENTON	MO	JOHN GERMANOS	WB9PNU
03/18/2002 31378	STARK, JOHN E JR	N1JIO	WEST SPRINGFIELD	MA	LARRY SMITH	K1ILZ
03/18/2002 31379	WILSON, PHILLIP A	WA6CRA	BLUE RIDGE	VA	-	-
03/19/2002 31380	BRUNO, WILLIAM JOSEPH	W3KBS	WAYNE	PA	HARRY DAVIS JR	K3WAC
03/21/2002 31381	KRONICK, RICHARD A	W4RAK	CHARLESTON	SC	-	-
03/21/2002 31382	SHAW, JAMES	WA6PXU	CUPERTINO	CA	-	-
03/22/2002 31383	CAMPBELL, BRUCE	W8HW	PORT ST LUCIE	FL	RAYMOND F SIPPRELL	W4OBY
03/25/2002 31384	CARSON, JOHN B	WB6OAA	YUMA	AZ	-	-
03/25/2002 31385	HUFF, GEORGE W JR	WA5MKA	BRIDGEPORT	WA	-	-
03/25/2002 31386	OELLERICH, CARL R	KG0SY	COUNCIL BLUFFS	IA	ROBERT A CONLEY	WB0LYU
03/25/2002 31387	PATTERSON, WILLIAM W	W5RJE	CLAUDVILLE	VA	-	-
03/25/2002 31388	PHILLIPS, ELIZABETH ANN	WB1FIQ	HAMPDEN	MA	L SMITH	K1ILZ
03/26/2002 31389	BROUILLARD, PAULA	KB0KYU	HANCOCK	IA	ROBERT A CONLEY	WB0LYU
03/26/2002 31390	KENNY, PAUL E JR	KE4OML	CORAOPOLIS	PA	NATHAN S FIRESTONE	W3SVJ
03/26/2002 31391	KREIS, KEN	KA0W	RUDD	IA	LARRY WACHA	K0EDO
03/27/2002 31392	HILL, NORMAN L	WB7PRJ	EUGENE	OR	JIM WALSH	W7LVN
03/28/2002 31393	CRUMP, CARL J	WA6VLS	SACRAMENTO	CA	PAUL WOLF	W6RLP
03/28/2002 31394	KLEINMAN, JOEL P	N1BKE	NEWINGTON	CT	GEORGE HART	W1NJM
03/29/2002 31395	KIRBY, JOHN T JR	WN4O	GAINESVILLE	FL	PATRICIA CALLAWAY	K4HFJ

Correction

In the Spring 2002 QCWA Journal, under the listing "QCWA Welcomes new Members, page 51, the name of James F. Kennedy K4NAV was incorrectly listed as "Richard". The Journal apologizes for the error.

Silent Keys

With sadness we record the passing of these members

NAME	CALL	MEMNUM	L	SK	CITY	ST
STEVENS, DARRELL W	WA0EAY	20779		2002	RED OAK	IA
PETERSON, GOTTFRID	W0JSN	01609		2002	SCANDIA	MN
HATCH, ELMER F	W0KLB	18077		2001	GRAND ISLAND	NE
REDDICK, ARTHUR J	W0KUK	18877		2001	CLINTON	IA
BEAVER, HAROLD E	W0LYB	13326		2002	LONGMONT	CO
ROLLERT, CARL R	W0NIA	23726		2002	AURORA	CO
CASHON, V A	K0OAL	23588		2001	CHADRON	NE
WOODS, ROBERT L	K0OSB	27044		2002	AVA	MO
JOHNSON, MELVIN C	W0WUU	08886		2002	ALCESTER	SD
DAVISON, JOHN H	W0ZFN	17305		2002	ST LOUIS	MO
WERENSKI, WILLIAM F	W1CJK	01903		2001	HOLYOKE	MA
GUILE, WOODROW W	W1EBO	04707	*	2002	NORWICH	CT
MARSH, ROBERT P JR	W1JVC	18138	*	2001	PRINCETON	NJ
MARSH, ROBERT P JR	W1JVC	18138	*	2001	PRINCETON	NJ
WEBBER, DANVILLE S	W1PCD	07289	*	2002	BANGOR	ME
FRANCO, EDWARD N SR	K1SVH	19558		2002	WINDSOR	CT
CRUSER, ERIC R	W2DYS	09990		2001	LAKEHURST	NJ
JOHANNES, VIRGIL I	K2GIV	30259		2002	SPOKANE	WA
DRAKELEY, CARL E	W2KFX	08126		2001	PENN YAN	NY
JOHNSON, GEORGE V	AC2O	20277		2001	SCOTIA	NY
COLLIER, JAMES SHERMAN	K2QB	09329		2000	WILLIAMSVILLE	NY
SOBOLESKI, ALFRED	W2QIL	29106		2001	SPRINGVILLE	NY
MUNYAN, RICHARD C	W2RCM	28240		2001	WENONAH	NJ
NEWMAN, EDGAR E	W2RPZ	08631	*	2001	OROVILLE	CA
BOWLEY, EDWARD G	W2VLH	07745	*	2002	ELMHURST	NY
TONA, CARMEN J	W2VLZ	16403	*	2001	BUFFALO	NY
BEACH, ROBERT E	WB2WRX	26271		2001	SCHENECTADY	NY
PRIMAVERA, EDWARD	K2YAW	20166		2001	LAKE RONKONKOMA	NY
BROWN, HIRAM F	W2YSM	19863		2001	TOMS RIVER	NJ
DORSEY, THOMAS LEE	N3BHC	14324		2001	BALTIMORE	MD
GAVIN, GERALD R	NU3D	18997		2002	GLEN BURNIE	MD
MC COY, JAMES C JR	N3EI	24247		2001	LONDONDERRY	NH
SIMPSON, FORBES B	VE3EOD	20285		2002	SCRABOROUGH	ON
WILLIAMSON, JOHN F	W3GC	05883	*	2002	NEWTONW SQ	PA
KARBAN, JOHN	W3IGC	19128		2002	ALLENTOWN	PA
COCHRAN, JAMES F	W3MLY	11188	*	2001	LAURELDALE	PA
POOLE, E CHARLES	VE3OJ	08683		2002	NEPEAN	ON
HEALEY, DAN J III	W3PG	03610	*	2001	BALTIMORE	MD
WILLIAMS, GRAHAM G	VE3ST	13486		2001	LONDON	ON
HENRY, DALE M	W3UHV	04518		2002	CABOT	PA
ROSSANESE, ANDREW L	W3XM	22080		2002	EMMAUS	PA
HERMANSON, ELSIE	W4CQL	02149		2002	LAKE CLARKE SHORES	FL
WALKER, JOSEPH G	W4DNR	10253		2002	COLUMBIA	SC
BANKSTON, LILLIAN O	K4DSO	17812		2001	BIRMINGHAM	AL
BALCH, LEON C	K4IN	09923		2001	CHATTANOOGA	TN
ASHLEY, F BOBBY	K4MFU	29162		2002	WALTERBORO	SC
NORRISEY, CASIMIR E	K4MTX	23465	*	2002	CHARLOTTESVILLE	VA
ERICKSON, JOHN S	AD4N	09398		2001	VERO BEACH	FL
ALLEN, ALBERT C JR	WB4NNC	28779		2001	FRANKLIN	NC
PADULA, VINCENT A	W4PD	30315		2001	NEW BRUNSWICK	NJ
KRATOKVIL, FRANK	K4RE	05078		2002	COLLEGE PARK	MD
COX, CHARLESB	W4RSG	29443		2002	MIAMI	FL
BOWING, BILL	W4UET	18722	*	2001	MALVERN	IA
CHRISTIAN, CALVIN B	W4WRJ	27382		2001	MAX MEADOWS	VA
KELLEHER, JOHN J	W4ZC	06045	*	2002	SILVER SPRING	MD
MATHIS, JOHN N	K5CBP	26897		2002	CHOCTAW	OK
BENSON, HUGH H	KA5DGY	18757		2002	OKLAHOMA CITY	OK
CAMPBELL, WENDLE E SR	KG5DH	16236	*	2001	AUSTIN	TX
LA SALLE, HENRI P	KF5EA	19312		2001	NW IBERIA	LA
HAMM, WILLIAM J	W5FMG	05789		2002	SAN ANTONIO	TX
MILLER, ROY S	W5FOZ	08691		2002	AUSTIN	TX
CARLBERG, CARL T	W5IH	13449		2001	ALBUQUERQUE	NM
THORNHILL, DAVID H	W5KCX	20272		2001	BATON ROUGE	LA
STOCKSTILL, CHARLES J	W5NMK	16847		2001	BURKE	VA
AVERY, ERNEST A	W5SRV	12592		2001	BATON ROUGE	LA

ALFORD, JOHN A	W5TXL	22405	2002 DALLAS	TX
VITZELIO, ROBERT	W6AEJ	12741	* 2001 DOWNEY	CA
KUMUKAHI, SAMUEL	KH6AFS	27934	2001 HILO	HI
HENDRICK, F WILLIAM	NS6D	22389	2002 SACRAMENTO	CA
HODGSON, CHARLES	W6HC	04075	* 2001 SAN DIEGO	CA
VARNEY, RAYMOND H	W6HDA	20051	2002 ARTOIS	CA
FRIEND, MAYNARD	KH6JAW	28511	2001 PAHOA	HI
CHILD, DOLORES	K6JPY	16574	2002 PICO	CA
WESTROPE, PERRY V	W6LLB	10954	* 2002 MONTCLAIR	CA
MEZZAPELLE, PAUL	W6MEZ	18489	* 2001 CARMICHAEL	CA
DAVIS, WALTER D	WA6ODQ	28808	2001 RAMONA	CA
BATTEN, DONALD L	W6RMM	21505	2001 TIBURON	CA
BAISLEY, WILLIAM D	KH6S	28159	2001 SAN ANTONIO	TX
BENTSON, JOANNE G	K6SPU	25840	2001 OAKHURST	CA
BENTSON, JOSEPH	K6STR	25841	2001 OAKHURST	CA
PRICE, NINA E	KB7RRO	26350	2002 KALAMTH FALLS	OR
JAMES, BENNIE F	W7SQT	15807	2002 CHEYENNE	WY
MC LEAN, CHARLES LYLE	W7WPM	12316	2002 EUGENE	OR
GRICE, CLAYTON A	W8BCQ	09813	2001 WILDWOOD	FL
BARTON, ROBERT O	K8EQO	16242	2001 GRAND RAPIDS	MI
HEIKS, WESTON J	K8YLK	31184	2002 MINERVA	OH
HARANT, JOSEPH F	W9FLA	08746	* 2001 CICERO	IL
CHESTER, EUGENE C	K9FOQ	22372	2001 LARGO	FL
JACOBS, ROBERT W	WA9NNT	29413	2002 SUMMERFIELD	FL
GUENTHER, ALEXANDER R	DL9RW	15158	* 2001 GERMANY	
CONN, JOE	K8ZPF	19496	2002 CUYAHOGA FALLS	OH

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